CATALOG No. 18, SEPTEMBER 1, 1936

K-D TOOLS

MAKE HARD JOBS EASY

PRICE INDEX

Cat. Page	Type No.		List Price
20	1A	Display Board	$22.85
20	2B	Display Board	18.85
20	3A	Display Board	19.50
13	6	Standard Type 4¼" Pliers	.50
13	7	Parrot Nose 4¼" Pliers	.50
13	8	Needle Nose 4¼" Pliers	.50
13	9	Flat Nose 4¼" Pliers	.50
13	10	Pliers Set	2.00
15	11	Junior Hack Saw Frame	.40
15	13	3" Hack Saw Blades ..... per doz.	.90
15	14	8" Hack Saw Blades ..... per doz.	1.05
15	15	12" Hack Saw Blades ..... per doz.	1.20
15	16	10" Hack Saw Blades ..... per doz.	1.15
15	17	6" Jr. Hack Saw Blades ... per doz.	1.00
14	30	Hard Valve Seat Grinder Set	6.85
14	34	Hard Valve Seat Grinder Set	6.85
14	36	Hard Valve Seat Grinder Set	6.10
14	51	Valve Grinding Compound	.60
16	80	Vac-Clamps ..... per doz.	1.80
15	99	Hack Saw Frame	1.25
14	100	Ignition Point Grinder	1.30
14	A100	Grinding Disc Set	.35
14	B100	Grinding Disc Set	.35
14	C100	Grinding Disc Set	.35
6	240	Bar-type Valve Spring Lifter	2.15
17	250	Bar-type Valve Spring Lifter	.70
17	300	Valve Spring Lifter	1.95
17	303	Valve Spring Lifter	1.00
5	307	Valve Spring Lifter	1.09
18	312	Valve Spring Lifter	4.25
18	313	Valve Keeper Remover	1.10
18	318	Valve Spring Compressor	1.75
4	320	Valve Spring Compressor	9.50
4	330	Valve Spring Compressor	6.50
17	340	Valve Spring Lifter	.55
17	345	Valve Spring Lifter	.55
2	380	Valve Spring Compressor	8.10
17	385	Valve Spring Compressor	3.50
17	390	Valve Spring Compressor	.90
17	395	Valve Spring Compressor	1.00
17	397	Valve Spring Compressor	1.00
18	400	Valve Spring Lifter	1.30
18	410	Valve Spring Lifter	3.40
6	418	Valve Keeper Pliers	$ .35
13	425	Lamp Bulb Pliers	.70
16	444	Lamp Bulb Glove ..... Card of 24	3.60
18	499	Valve Bushing Remover	.25
5	500	Valve Bushing Remover	.50
5	501	Valve Bushing Remover	.75
5	502	Valve Bushing Remover	1.40
5	503	Valve Grinder	.60
5	504	Valve Grinder	.50
5	505	Valve Grinder	.60
18	506	Valve Grinder	.30
5	507	Valve Grinder	.35
5	509	Valve Grinder	.35
5	511	Valve Grinding Bushing	1.00
6	518	Valve Bushing Remover	.75
10	540	Wheel Puller	10.00
5	560	Piston Pin Tool	3.50
19	565RD	Riveting Die	2.55
19	567RD	Riveting Die	2.55
19	570RD	Riveting Die	2.55
19	575RD	Riveting Die	3.20
19	S565	Riveting Set	5.30
19	S570	Riveting Set	5.30
19	S575	Riveting Set	6.85
19	580	Riveting Set	25.50
19	585	Riveting Anvil	2.10
3	600	Valve Spring Lifter	2.50
3	603	Valve Spring Lifter Set	4.75
3	605	Valve Keeper Inserter	1.40
3	610	Valve Keeper Receiver	.85
18	615	Valve Spring Holder	3.15
6	618	Piston Pin Tool	2.25
10	705	King Pin Wrench	3.50
10	718	King Pin Extractor	11.15
10	720	King Pin Extractor Set	14.65
8	800	Wheel Puller Set, 5 in metal box	5.40
6	814	Valve Jack	.15
6	818	Valve Bushing Remover	1.40
7	918	Valve Guide Puller	8.60
7	919	Valve Guide Driver	1.40
7	920	Valve Guide Puller Set	10.00
6	1118	Valve Grinding Bushing	1.00

HAMMER-TYPE WHEEL PULLERS

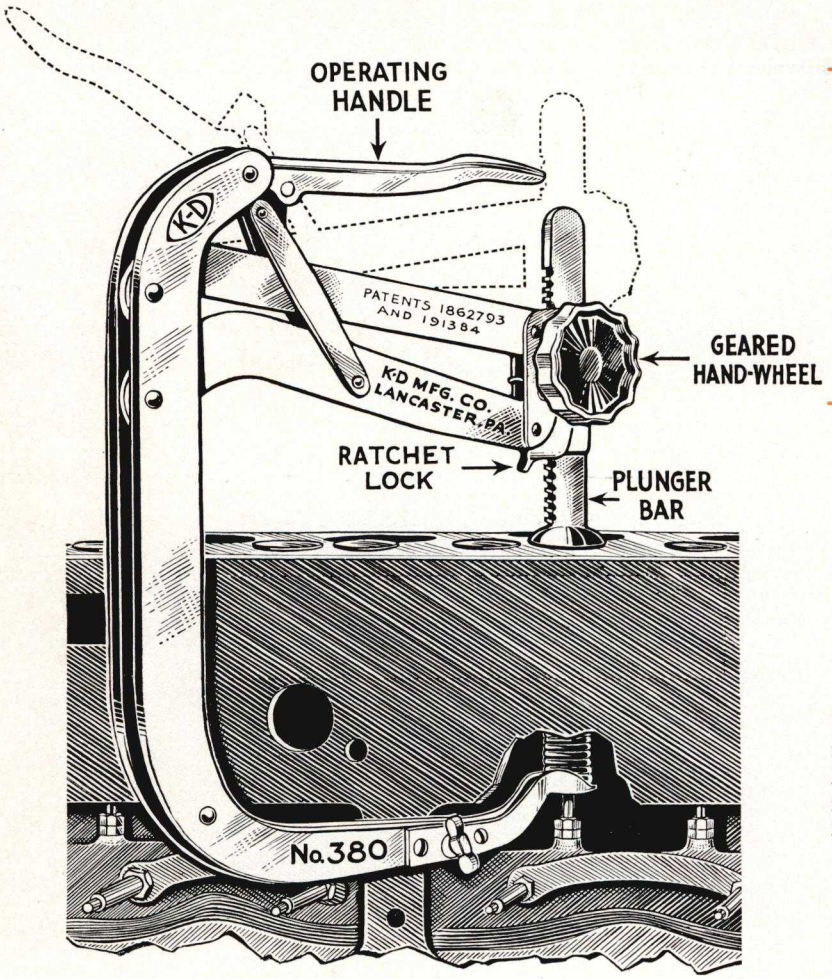
Pages 8 - 9 - 10

Axle Size		List Price		List Price
5/8"-18	Short Type	$ .75	Extra Long	$1.30
3/4"-16	Short Type	.90	Extra Long	1.50
3/4"-20	Short Type	.90	Extra Long	1.50
13/16"-16	Short Type	1.00	Extra Long	1.60
7/8"-14	Short Type	1.05	Extra Long	1.70
7/8"-16	Short Type	1.05	Extra Long	1.70
7/8"-18	Short Type	1.05	Extra Long	1.70
1"-14	Short Type	1.20	Extra Long	1.90
1 1/8"- 7	Short Type	1.30	Extra Long	2.30
1 1/8"-12	Short Type	1.30	Extra Long	2.30
1 1/4"- 7	Short Type	1.50	Extra Long	2.95
1 1/4"-12	Short Type	1.50	Extra Long	2.95
1 1/2"- 6	Short Type	2.10	Extra Long	3.60
1 1/2"-12	Short Type	2.10	Extra Long	3.60

BRITE STEEL WASHERS ..... Pages 11 - 12

K-D MANUFACTURING COMPANY • LANCASTER PENNSYLVANIA U·S·A
CANADIAN FACTORY • • • HAMILTON ONTARIO

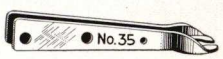
No. 380 Valve Spring Compressor With Interchangeable Jaws For "L" Head and Valve-in-Head Motors



380 will not service Cadillac-LaSalle V Motors
See K-D 330, Page 4

For Trucks, Buses and other large motors
See K-D 320, Page 4

The No. 380 Compressor is furnished with two pairs of JAWS:— No. 32 Offset (as shown in illustration at left), and No. 35 Straight, as illustrated here.

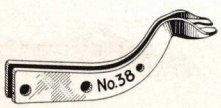


The Ideal Compressor for General Garage Use
Fast — Versatile — Strong

THE first Valve Spring is raised by turning the **Plunger Bar** to the necessary depth by means of the **Geared Hand Wheel** with the Operating Handle in the "down" position. The Ratchet Lock engages and sets the adjustment for the remaining springs, which are quickly raised by moving the **Operating Handle.** (See dotted line in illustration.) Over-center lock engages, leaving both hands free to proceed with removal of keepers.

No. 380 is made of extra-heavy bar steel, rigidly reinforced and rust-proofed with Udylite. Tempered jaws are adjustable by means of a thumb screw, as shown. Shipping weight, 8 pounds.

No. 380 Compressor	**List**	**$8.10**	**Dealers Net Price**
Replacement Jaws **per pair**	**List**	**.75**	**Dealers Net Price**



No. 38 Extra High Offset Jaws

FOR use on K-D No. 380 and K-D No. 320 Compressors on motors with extremely low valve housing.

List per pair . . . . . **$ .75** **Dealers Net Price per pair**

No. 600 Valve Spring Lifter With Adjustable Offset Jaws for "L" Head Motors

WITH PARALLEL JAWS

Jaws are sufficiently offset to completely compress valve springs on motors with low valve housing.

The strongest and easiest operating lifter ever made with **Parallel Jaws.** Rust-proofed by Udylite Process.

Large Thumb Screws
TRADE KAYDEE MARK
PAT. FEB. 10, '20
Improved Ratchet Lock is automatic with thumb release. Will not slip.
No. 600 UNIVERSAL

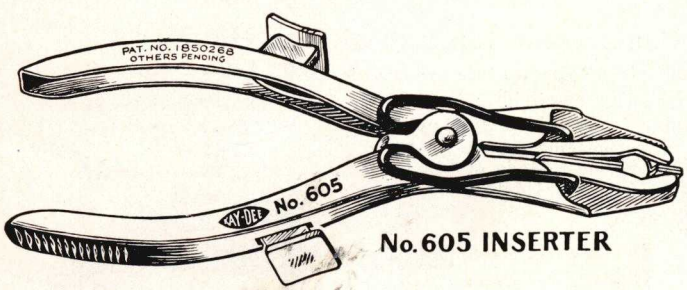
No. 600 Valve Spring Lifter is 10 inches long. Just right for the new Auburn, Graham, Hudson, Hupmobile, Lafayette, LaSalle (Straight 8), Nash, Oldsmobile, Packard, Pontiac, Reo, Studebaker, Terraplane, Willys and practically all ancient and modern L-head motors with low valve cover plates, close fenders, and over-hanging manifolds. The Adjustable Off-set Jaws are made of **special alloy steel, tempered in oil** (an exclusive K-D feature) providing great strength for lifting heavy Valve Springs.

No. 600 Universal Lifter . . . . . **List $2.50** **Dealers Net Price** . . . . . **Each**
Shipping Weight 1 lb.

No. 603 SET — Comprising No. 600 — No. 605 — No. 610 . . . . . **List $4.75**
Dealers Net Price . . . . . **Per Set**

New Improved No. 605 Valve Keeper Inserter

(With Easy-loading Feature)



No. 605 INSERTER

FOR quick and easy operation, this tool has no equal. See Fig. 1 and 3, page 4. Made of light gauge pressed steel, seven inches long with offset construction for work in close places. It is **self-supporting on valve,** allowing both hands free to lower valve spring. Shipping Weight, 4 oz.

No. 605 Inserter . . . . . **List $1.40**
Dealers Net Price . . . . . **Each**

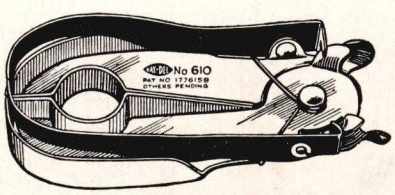
SEE FURTHER DESCRIPTION PAGE 4

New Improved No. 610 Valve Keeper Receiver

(With Telescoping Guard-walls)

DESIGNED to clamp around valve tappet to prevent valve keepers from dropping into crankcase when raising valve spring. (See Fig. 2 page 4). The **high guard-walls** automatically telescope when handles are pressed together (See Fig. 4 page 4). Thus permitting quick and easy installation between valve lifter jaws where space is narrow. Made of pressed steel, rust-proofed by the Udylite Process. Shipping Weight 3 oz.

No. 610 Receiver . . . . . **List $ .85**
Dealers Net Price . . . . . **Each**



No. 610 RECEIVER

SEE FURTHER DESCRIPTION PAGE 4

Showing Operation of No. 605 and No. 610

(Continued from preceding page)

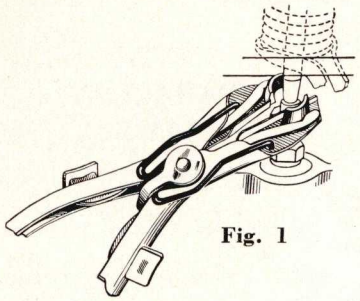


Fig. 1

THE spring tension and firm seat provided for holding split locks, practically eliminates any possibility of them becoming dislodged before they are placed in position on valve stem. The narrow jaws take all sizes of valve keepers and with the jaws open as illustrated, the mechanic can quickly locate the keepers in groove of valve stem without fear of having to force them against the valve stem.

THE illustration at right shows the No. 610 Receiver in position around valve tappet, resting on lower jaws of No. 600 Valve Lifter. Note the height of guard-walls which provide positive protection against keepers dropping into crankcase even when they are frozen on valve stem and must be driven out.

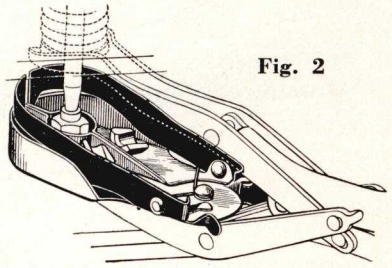


Fig. 2

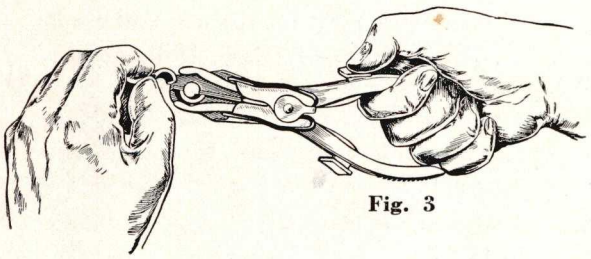


Fig. 3

HOW TO LOAD NO. 605 INSERTER

THE easy-loading feature of the improved No. 605 Inserter, has won the enthusiastic acceptance of all mechanics who have used it. By pressing the thumb-piece located in each handle, the levers for holding the keepers are forced back as illustrated. An exclusive K-D feature.

FIGURE 4 illustrates how the **high guard-walls automatically telescope** when handles are pressed together, thus allowing the tool to be placed in position between valve lifter jaws and around the valve tappet. When handles are released, the **guard-walls automatically raise** to their maximum height as illustrated in Fig. 2.

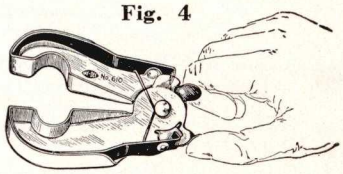


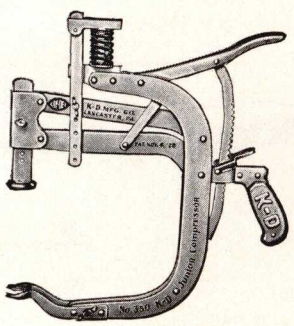
Fig. 4

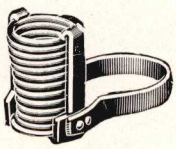
No. 320 Heavy Duty Compressor for Extra-Large Motors

Will not service Cadillac-LaSalle V-type motors — See No. 330, below

DESIGNED to service large motors without removing manifolds. Inside size 11″ x 14″. The **Automatic Lock** engages in 8 positions, allowing the operator free use of his hands when springs are raised. For replacing springs in motor the **Compressor Attachment** will take all sizes of spring. Made of heavy bar steel, rigidly reinforced for hard service. Rust-proofed with Udylite. Shipping weight, 11 pounds.

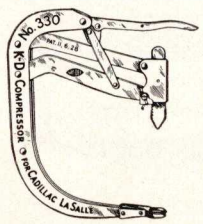
No. 320 Compressor ..... **List $9.50** **Dealers Net Price**
Replacement Jaws, per pair List .75 **Dealers Net Price**





Spring Holders

SPRING HOLDERS of the type shown at the left are available for use with the **K-D No. 320 Compressor.** See Page 18.



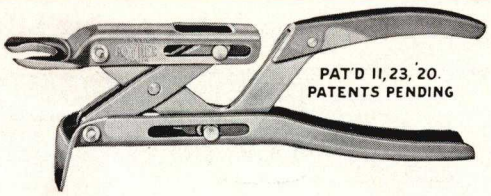
No. 330 Special Compressor for Cadillac-LaSalle V-type Motors

THIS heavy duty tool is especially built to service Cadillac and LaSalle V-type motors and is **NOT** adapted to other makes of V-type motors. Made of heavy bar steel, rigidly reinforced. Equipped with over-center lock and hardened steel jaws. Rust-proofed with Udylite. Shipping weight, 8 pounds.

No. 330 Compressor ..... **List $6.50**
Dealers Net Price ..... **Each**

K-D Tools for Models "A" and "B" Ford

No. 307 Parallel Jaw Valve Spring Lifter

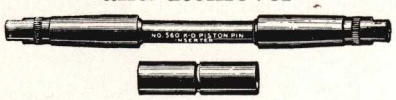


No. 307 Valve Lifter is the most efficient tool for removing and replacing Ford "A" and "B" valve springs. Length 8". Udylite rust-proof finish. Shipping weight, 1 lb.

No. 307 ..... **List $1.00**

Dealers Net Price ..... **Each**

No. 560 Piston Pin Inserter and Remover

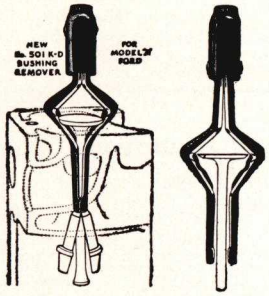


A NECESSARY tool for removing and inserting Wrist Pin in Models A and B Ford piston and connecting rod. The tapering face of tool expands the split retaining ring in Connecting Rod, allowing easy insertion of pin to its proper position. Made of alloy steel, hardened and ground. Shipping weight, 2 pounds.

No. 560 Inserter ..... **List $3.50**

Dealers Net Price ..... **Each**

No. 501 Valve Stem Bushing Remover



FOR Models A and B Fords. Made of heavy channel steel, equipped with **Malleable Iron Driving Head** to withstand hammer blows when removing bushings. The Head is adjustable. When raised it allows instant application on valve stem. When Head is lowered, it clamps the tool securely in position as shown in illustration and prevents damage to valve or bushing. Shipping weight, 2 pounds.

No. 501 Bushing Remover ..... **List $ .75**

Dealers Net Price ..... **Each**

No. 505 Dual Valve Grinder

NO. 505 Dual Valve Grinder with two sizes of Rubber Vacuum Cup. Diameter 1⅛" and 1⅜". A dependable tool adapted to various sizes of valve. Lacquer finish in Orange and Black. Shipping weight, ½ pound.

No. 505 Dual Valve Grinder ..... **List $ .60**

Dealers Net Price ..... **Each**

Replacement Rubber Cup ..... **Each**

Vacuum Cup Valve Grinders with Adaptors Only

FOR attachment to mechanical grinder. Cup made in two sizes.

No. 507 Dia. 1⅛" }
No. 509 Dia. 1⅜" } **List Each $ .35**

Dealers Net Price ..... **Each**

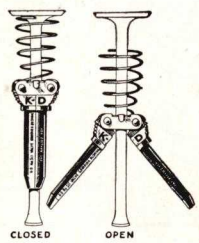
No. 502 Valve Stem Bushing Remover

FOR Models A and B Ford only. Made of **Forged Tool Steel** rust-proofed. Correctly designed for driving out frozen valve guides. Shipping weight, 1 pound.

No. 502 Bushing Remover ..... **List $1.40**

Dealers Net Price ..... **Each**

No. 511 Valve Grinding Bushing with "Jumper Spring" Attached



FOR Models A and B Fords only. A one-piece tool. No loose parts to assemble. Simply open the tool, insert valve and it is ready for use. Tool is made of Die Casting, accurately machined to insure perfect fit. Shipping weight, 4 ounces.

No. 511 Valve Grinding Bushing .... **List $1.00**

Dealers Net Price Each

No. 500 Valve Stem Bushing Remover

MADE of heavy channel steel with upper part seam-welded. Tool is chamfered at the lower points to permit convenient application on valve stem. Shipping weight, ½ lb.

No. 500 Bushing Remover List $ .50

Dealers Net Price ..... **Each**

No. 503 Self-Centering Valve Grinder

A MOST practical tool for grinding valves on all models of Fords. The wire coil spring keeps the Metal Ring in position over valve head and prevents the vacuum cup from slipping off center. Metal flange prevents hands from slipping down. Handles finished in Orange and Black lacquer. Shipping weight, 5 ounces.

No. 503 Valve Grinder ..... **List $ .60**

Dealers Net Price ..... **Each**

Replacement Rubber Cup ..... **Each**

No. 504 Valve Grinder

FOR attachment to mechanical grinder. The wire coil spring keeps the metal ring in position over valve head, preventing vacuum cup from slipping off center. Shipping weight, 4 oz.

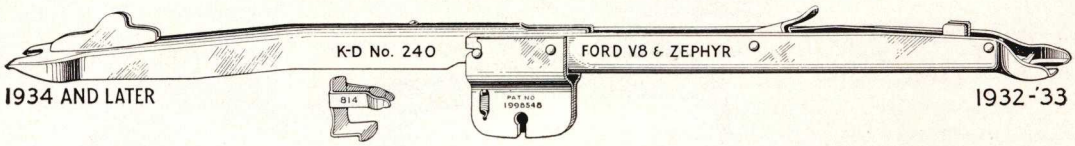
No. 504 Grinder, Cup Dia. 1⅜" ..... **List $ .50**

Dealers Net Price ..... **Each**

TOOLS FOR V-8 FORD AND LINCOLN-ZEPHYR NEXT PAGE

K-D Tools for V-8 Ford and Lincoln-Zephyr

No. 240 Bar-Type Valve Spring Lifter



NOT Intended for Removing Frozen Valve Guides — See K-D 920 Set, Page 7

A COMBINATION, all-in-one tool to service valves on **all** models V-8 Ford and Lincoln-Zephyr. Small jaw with fulcrum block for V-8 Ford 1934, 1935, 1936 and Lincoln-Zephyr (see Fig. 1) and large jaw with spring locking device for V-8 Ford 1932 and 1933 (see Fig. 2). Breaks in two for assembly as a spring compressor (see Fig. 3). Extra heavy channel steel construction, rust-proofed with Udylite. Complete operating instructions furnished for all models. One No. 814 Valve Jack furnished. Shipping weight, 3 pounds.

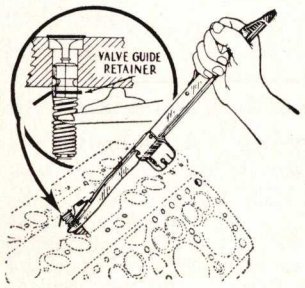


Fig. 1

Figure No. 1 shows small jaw forced between coils of spring just above the collar on lower end of valve guide. With fulcrum block resting on underside of motor casting, pry upward on lifter forcing valve guide down to release and remove valve guide retainer.

Fig. 2

Figure No. 2 shows the tool in position on 1932-33 motor. **Figure No. 3** shows the tool assembled as a compressor between the jaws of bench vise for compressing the valve spring to release the valve key.

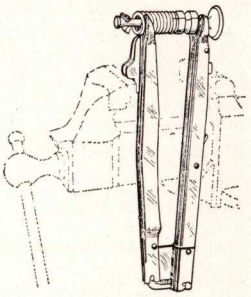


Fig. 3

No. 240 Bar-Type Lifter ..... **List $2.15**
No. 814 Valve Jack Only ..... **List .15**

Dealers Net Price ..... **Each**
Dealers Net Price ..... **Each**

No. 618 Piston Pin Inserter and Remover

for V-8 Ford and Lincoln-Zephyr

THE tapering face of tool expands the split retaining ring in Connecting Rod, allowing easy removal or insertion of Wrist Pin. Made of alloy steel, hardened and ground for perfect fit. Shipping weight, 1 lb.

No. 618 ..... **List $2.25**
Dealers Net Price .. **Each**

No. 418 Keeper Pliers

for all Fords and Lincoln-Zephyr

A CONVENIENT and necessary tool for removing and replacing horse-shoe valve locks. Made of pressed steel. Length 7". Rust-proofed.

No. 418 Pliers .... **List $ .35**
Dealers Net Price .. **Each**

No. 818 Valve Stem Bushing Remover

for all models V-8 Ford and Lincoln-Zephyr

MADE of **Forged Tool Steel** rust-proofed. Correctly designed for driving out frozen valve guides. Shipping weight, 1 pound.

No. 818 Bushing Remover ..... **List $1.40**
Dealers Net Price ..... **Each**

No. 518 Valve Bushing Remover for V-8 Ford

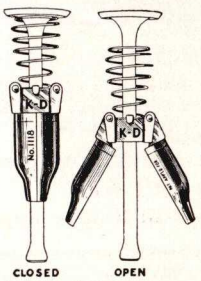
(1932-1933 MODELS ONLY)

SAME design as No. 501 for Models A and B except one-half inch shorter. Made of heavy channel steel with adjustable **Malleable Iron Driving Head** to withstand hammer blows. Shipping weight, 2 lbs.

No. 518 ..... **List $ .75**
Dealers Net Price .. **Each**

No. 1118 Valve Grinding Bushing

for V-8 Ford and Lincoln-Zephyr



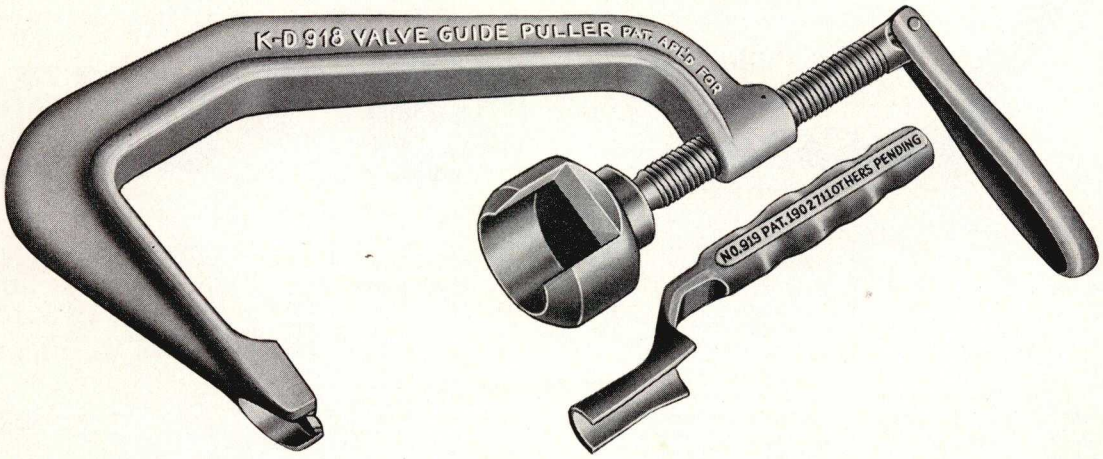
A one-piece tool, similar in construction to the No. 511 for Models A and B. Made of Die Casting accurately machined to insure perfect fit. Indispensable for all valve grinding jobs. Shipping weight, 8 oz.

No. 1118 ..... **List $1.00**
Dealers Net Price .. **Each**

The NEW No. 920 Valve Guide Puller Set

(Consists of No. 918 Puller and No. 919 Driver)

FOR FORD V-8 1934 TO 1936 AND LINCOLN-ZEPHYR.



A Husky, Reliable Outfit that Gives You a PROFIT on Every Valve Job, No Matter How Tight the Guides Are Frozen.

This Puller applies the only correct mechanical principle to the difficult job of removing frozen valve guides — IT PULLS STRAIGHT UP!

It is **quick and easy to operate** because there are no adjustments to make, nothing to line up, nothing to set up. Simply set the Puller in place and turn the handle.

It is **safe to use** because the pressure is applied directly to the guides, at the point of resistance, and not to some part of the valve assembly which might easily be damaged.

It is **strong and durable** because it is made from the strongest material available — DROP-FORGED STEEL — and correctly designed for long, hard service.

And last but not least it is **a profitable investment** because it is **low in price** to begin with and because it will SAVE REAL MONEY in time and parts.

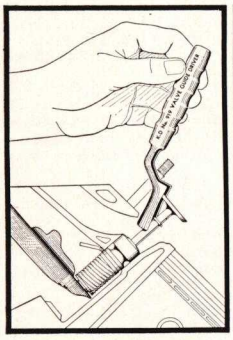


FIG. 1

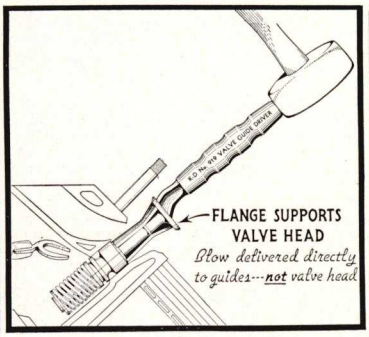


FIG. 2

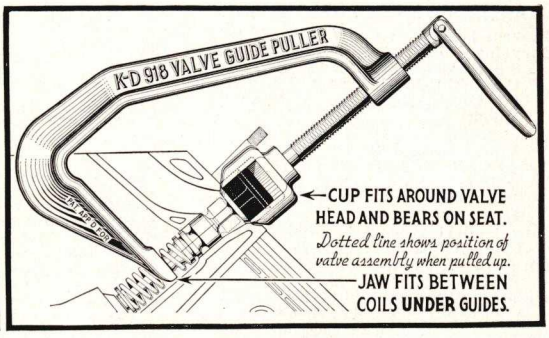

K-D 918 VALVE GUIDE PULLER
CUP FITS AROUND VALVE HEAD AND BEARS ON SEAT.
Dotted line shows position of valve assembly when pulled up.
JAW FITS BETWEEN COILS UNDER GUIDES.

FIG. 3

FIG. 1 shows valve and spring being raised with a K-D Bar Type Lifter without the removal of the valve spring retainer, and the insertion of the No. 919 Driver.

FIG. 2 shows the No. 919 Driver in position, self-supported under valve head, with the guides driven down just far enough to permit the removal of the valve guide retainer. Note the generous bearing of Driver on top of guides.

FIG. 3 shows the No. 918 Puller in position to pull valve assembly. Jaw is between the coils of the valve spring under the guides and pressure cup rests on valve seat, around valve head. When screw handle is turned down, the tremendous pressure exerted pulls the valve **assembly** STRAIGHT UP without damage to any part. Pressure cup has sufficient clearance to allow the valve head to rise upward inside it as the assembly is pulled. See dotted line.

K-D No. 918 Valve Guide Puller — a drop-forged tool sturdily ribbed and re-inforced to withstand the pull required to remove the most obstinate guides. Screw made from toughest steel obtainable. Rustproofed with Udylite.

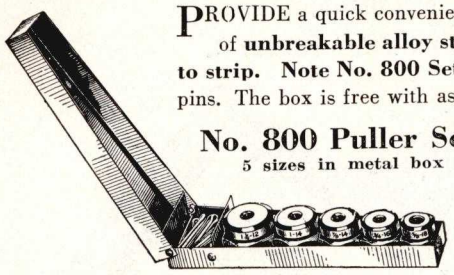
K-D No. 919 Valve Guide Driver — a drop-forged tool, ribbed and arched to withstand impact. Broad face rests squarely on top of BOTH guides. Rustproofed with Udylite.

Completely illustrated Operating Instructions packed with each Set. Shipping Weight, 8 pounds.

No. 920 Valve Guide Puller Set ..... **List $10.00**

Dealers Net Price ..... **Set**

K-D Hammer-Type Wheel Pullers



PROVIDE a quick convenient method for jarring wheel hubs loose without damage to axle. Made of **unbreakable alloy steel,** specially heat-treated for hard service. **Threads guaranteed not to strip. Note No. 800 Set** of five popular sizes in pressed steel box with compartment for cotter pins. The box is free with assortment — Sizes 5/8"-18, 3/4"-16, 7/8"-14, 1"-14, 1 1/4"-12 — Short Type.

No. 800 Puller Set
5 sizes in metal box

Short Type

Extra Long

LIST PRICES

Axle Size	Short Type	Extra Long
5/8"-18	$ .75	$1.30
3/4"-16	.90	1.50
3/4"-20	.90	1.50
13/16"-16	1.00	1.60
7/8"-14	$1.05	$1.70
7/8"-16	1.05	1.70
7/8"-18	1.05	1.70
1"-14	1.20	1.90
1 1/8"- 7	$1.30	$2.30
1 1/8"-12	1.30	2.30
1 1/4"- 7	1.50	2.95
1 1/4"-12	1.50	2.95
1 1/2"- 6	$2.10	$3.60
1 1/2"-12	2.10	3.60

No. 800 Set—5 sizes
In metal box, List $5.40

DEALERS NET PRICES

Axle Size	Short Type	Extra Long
5/8"-18		
3/4"-16		
3/4"-20		
13/16"-16		
7/8"-14		
7/8"-16		
7/8"-18		
1"-14		
1 1/8"- 7		
1 1/8"-12		
1 1/4"- 7		
1 1/4"-12		
1 1/2"- 6		
1 1/2"-12		

No. 800 Set—5 sizes
In metal box, Each

AXLE SIZE CHART

AXLE THREAD SIZE 5/8"-18

Durant—All Models 1928-30 except 6-14, 1930
Essex—All Models to 1930
Ford—All Models A, B, T, V-8 to 1936
Lincoln-Zephyr—1936
Locomobile—Jr. 8, 1925-29
Star—All Models 1923-30

AXLE THREAD SIZE 3/4"-16

Chevrolet—All Models 1928 to E 1932
Chrysler—50-52, 1926-28; 66, 1929-31; 8 cyl. 1930; CM, 1931-32; CI, 1932; CJ, 1931; CO, 1933; CA, CB, 1934; C6, CZ8, 1935; C-7, C-8, Airstrm, 1936
DeSoto—All Models to 1936
De Vaux—6-75, 1930-31
Dodge—All Models 1930; DH, 1931; DC, DL, 1932; DP-6, HC, HCL, 1933; DR, DS, 1934; DU, 1935; D-2, 1936
Durant—6-14, 1930; All Models 1931-32
Erskine—All Models 1927-29
Franklin—All Models to 1932; Big 6, 1933-34
Graham—612, 1929-31; 45-46, E1930
Nash—1926-29 Stan. Lt. 6
Plymouth—All Models 1928-36
Pontiac—1926 to E1929
Willys-Ov'd—77, 4 cyl. 1933-34; 77B, 1935-36

AXLE THREAD SIZE 3/4"-20

Hudson—1934
Terraplane—6, 8, 1932-34

AXLE THREAD SIZE 13/16"-16

Chevrolet—Late 1932

AXLE THREAD SIZE 7/8"-14

Auburn—8-77, 1927-28; 6-80, 1928-30; 76, 1928; 6-85, L1930; 890; 895
Chrysler—65, 75, 1928-29; 70, 77, 1929-30; 70, 6 cyl. 1931-32; 8 cyl. 1931-33; CU, CV, 1934; C-1, C-2, C-3, C-9, C-10, C-11, Airfl. 1935-6
Dodge—All Models 1927-29; DK, 1932; DO, 1933
Elcar—6-70, 6-75, 1926-30
Erskine—53, 1930
Ford Truck—TT, AA to 1929
Gardner—75, 80, 85, 150, 1927-29
Graham—610, 1928-29; 45-46, L1930-31; 56, 1932; 74, 1935; 80, 1936
Hudson—All 6 cyl. 1921-30; 8 cyl. 1931-33

AXLE THREAD SIZE 7/8"-14 (Cont.)

Hupmobile—All Models to 1933; 422F, 426I, 1934; 321K, 1933; 421K, 421A-KK, 1934
Jordan—All Models 1926-29; E80, 1930
LaFayette—Serial 15922 Up, 1935
Marmon—68, 69, 70, 78, 1928-31
Moon—6-60, 6-70, 6-72, 8-92
Nash—1926-29 Spec. 6; Adv. 6; Twin Ign., 1930; 8-490, 890, 990, 1080, 1090, 1190, 1220, 1280, 1290, 1934; 3520-3580, 1935; 3620, 3640, 3680, 1936
Oakland—All Models
Overland—96, 96A Whippet; 93A; 98A; 98D
Packard—Ser. 900, 1932; 1001-1105, 1933-34; 1200-1-2, 120, 1935-36
Paige—6-45, 1927-28; 6-65, 6-72 Broug. 1927
Peerless—6-60, 6-81, 6-61, 6-61A, 125, A, 1930-32
Pontiac—L1929-32
Rockne—All Models
Roosevelt—All Models
Stearns-Kt.—D, D6-85, F6-85, G8-85, H8-90, J8-90, 1927-29
Studebaker—All Models 1928-32 except President; Pres. 82, 1933; Comm. 8, 1934; Dict. 6, 1935-36
Stutz—All Models except Blackhawk 1929-31
Willys-Kt. — 70-A; 56; 70-B; 87; 66-D; 8-80D; 66E; 8-88; 97; 98-D; 95; 6-90; 6-70
Willys-Ov'd—98-B; 8-80; 97; 98D; 95; 6-90; 90-A; 690A

AXLE THREAD SIZE 7/8"-16

Nash—6 cyl. 1931-32

AXLE THREAD SIZE 7/8"-18

Essex—All Models 1931-33
Hudson—Super 8, 1930-31; Pace M. 8, 1932

AXLE THREAD SIZE 1"-14

Auburn—8-88-115, 120, 125, 8-98, 8-98-A, 1930-33; A98, 1930; 1250, 1934; 6-52X, 6-52Y, 653, 1934-35; 6-54, 1936; 8-100A, 1932; 8-100, 8-101, 8-101A, 8-105, 1933; 12-160, 12-160A, 1932; 12 cyl., 1934; 850X, 1934; 851, 1935; 852, 1936; 850Y, 1934
Buick—Stan. 6, 1926-28; 116WB, 1929-30; Ser. 40-49, 1931; Ser. 50-60, 8 cyl., 1931-35; Ser. 80-90, 1933-36
Cadillac—36-60, 1936

AXLE THREAD SIZE 1"-14 (Cont.)

Elcar—8-82, 8-95, 1928-29
Franklin—Lt. 6, 1933-34; Ser. 17, 12 cyl., Super 12, 1934
Gardner—95, 1928-29
Graham—614, 619, 621, 629, 827, 835, 837, 1928-31; 6 cyl. 1933; 67, 68, 1934-35; 72-73, 1935; Ser. 90-110, 1936
Hupmobile—417W, 421J, 1934; 521J, 1935
Jordan—G90, 1930
LaFayette—20 Serial No. 15922
LaSalle—350, 1934; 35-50, 3650, 1936
Marmon—79, 125
Marquette—All Models to 1930
Moon—8-80, 1928-29
Nash—1060, 1070, 1120, 1130, 1170
Oldsmobile—All Models 1928-36
Packard—All Models 1929-31; 901-904, 1932
Peerless—6-80, 6-90, 6-91, B, 1930-32
Pierce Arrow—All Models to 1933
Reo—All Models to 1936
Stearns-Kt.—6-80, 1927-28
Studebaker—Pres. 1928-32; Pres. 92 1933; C. Pres. 8, 1934; Comm. Pres. 1935; Pres. 1936
Viking—All Models 1929-30
Willys-Kt.—6-66; 6-66A; Stan. 6, 56 66B; 64

AXLE THREAD SIZE 1 1/8"-7

Ford Truck—AAC (Canada)
GMC—T19, 1928-30

AXLE THREAD SIZE 1 1/8"-12

Buick—Mast. 6 to 1929; 50 to 69, 1930; 80 to 99, 1931-32
Cadillac—All Models L1929-36 except 36-60, 1936
Elcar—H-96, 1930
Graham—615, 42, 45, 57, 820, 53, 54, All 8 cyl., 1933; Cust. 8, 1934; 69, 1934-35; 75, 1935
Hupmobile—427-T, 1934
LaSalle—All Models 1927-33
Locomobile—8-80; Big 8, 1929
Marmon—H, 88, 140, 1930-32
Paige—6-72, 1926-27; 6-75, 8-85, 1927-28
Peerless—C, 1930-32
Stutz—Blackhawk 1929-31

TRUCK SIZES

1 1/4"- 7
1 1/4"-12
1/2"- 6
1 1/2"-12

See Chart Next Page

K-D WHEEL PULLER CHART
IN ALPHABETICAL ORDER

PASSENGER CARS

		Axle Size
Auburn	8-77, 1927-28; 6-80, 1928-30; 76, 1928; 6-85, L1930; 890; 895	7/8"-14
Auburn	8-88-115, 120, 125, 8-98, 8-98-A, 1930-33; A98, 1930; 1250, 1934; 6-52X, 6-52Y, 653, 1934-35; 6-54, 1936; 8-100A, 1932; 8-100, 8-101, 8-101A, 8-105, 1933; 12-160, 12-160A, 1932; 12 cyl. 1934; 850X, 1934; 851, 1935; 852, 1936; 850Y, 1934; 652X, 1934	1"-14
Buick	Stand. 6, 1926-28; 116WB, 1929-30; Ser. 40-49, 1931; Ser. 50-60 8 cyl., 1931-35; Ser. 80-90, 1933-1936	1"-14
Buick	Mast 6 to 1929; 50 to 69, 1930; 80 to 99, 1931-32	1 1/8"-12
Cadillac	All Models L1929-36 except 36-60, 1936	1 1/8"-12
Cadillac	36-60, 1936	1"-14
Chevrolet	All Models 1928 to E1932	3/4"-16
Chevrolet	L1932	13/16"-16
Chrysler	50-52, 1926-28; 66, 1929-31; 8 cyl., 1930; CM, 1931-32; CI, 1932; CJ, 1931; CO, 1933; CA, CB, 1934; C6, CZ8, 1935; C-7, C-8, Airstr. 1936	3/4"-16
Chrysler	65, 75, 1928-29; 70, 77, 1929-30; 70, 6 cyl., 1931-32; 8 cyl., 1931-33; CU, CV, 1934; C-1, C-2, C-3, C-9, C-10, C-11, Airfl. 1935-36	7/8"-14
DeSoto	All Models	3/4"-16
DeVaux	6-75, 1930-31	3/4"-16
Dodge	All Models 1930; DH, 1931; DC, DL, 1932; DP-6, HC, HCL, 1933; DR, DS, 1934; DU, 1935; D-2, 1936	3/4"-16
Dodge	All Models 1927-29; DK, 1932; DO, 1933	7/8"-14
Durant	All Models 1928-30 except 6-14, 1930	5/8"-18
Durant	6-14, 1930; All Models 1931-32	3/4"-16
Elcar	6-70, 6-75, 1926-30	7/8"-14
Elcar	8-82, 8-95, 1928-29	1"-14
Elcar	H-96, 1930	1 1/8"-12
Erskine	All Models 1927-29	3/4"-16
Erskine	53, 1930	7/8"-14
Essex	All Models to 1930	5/8"-18
Essex	All Models 1931-1933	7/8"-18
Ford	All Models A, B, T, V-8 to 1936	5/8"-18
Franklin	All Models to 1932; Big 6, 1933-34	3/4"-16
Franklin	Lt. 6, 1933-34; Ser. 17, 12 cyl.; Super. 12, 1934	1"-14
Gardner	75, 80, 85, 150, 1927-29	7/8"-14
Gardner	95, 1928-29	1"-14
Graham	612, 1929-31; 45-46, E1930	3/4"-16
Graham	610, 1928-29; 45-46, L1930-31; 56, 1932; 74, 1935; 80, 1936	7/8"-14
Graham	614, 619, 621, 629, 827, 835, 837, 1928-31; 6 cyl. 1933; 67, 68, 1934-35; 72-73, 1935; Ser. 90-110, 1936	1"-14
Graham	615, 42, 45, 57, 820, 53, 54; All 8 cyl., 1933; Cust. 8, 1934; 69, 1934-35; 75, 1935	1 1/8"-12
Hudson	All 6 cyl. 1921-30	7/8"-14
Hudson	Super 8, 1930-31; Pace M. 8, 1932	7/8"-18
Hudson	1934	3/4"-20
Hupmobile	All Models to 1933; 422F, 426I, 1934; 321K, 1933; 421K, 421A-KK, 1934	7/8"-14
Hupmobile	417-W, 421J, 1934; 521-J, 1935	1"-14
Hupmobile	427-T, 1934	1 1/8"-12
Jordan	All Models 1926-29; E8O, 1930	7/8"-14
Jordan	G90, 1930	1"-14
LaFayette	To Serial 15922	1"-14
LaFayette	Serial 15922 Up. 1935	7/8"-14
LaSalle	All Models 1927-33	1 1/8"-12
LaSalle	350, 1934; 35-50, 36-50, 1936	1"-14
Lincoln-Zep.	1936	5/8"-18
Locomobile	Jr. 8, 1925-29	5/8"-18
Locomobile	8-80; Big 8, 1929	1 1/8"-12
Marmon	H, 88, 140, 1930-32	1 1/8"-12
Marmon	68, 69, 70, 78, 1928-31	7/8"-14
Marmon	79, 125	1"-14
Marquette	All Models to 1930	1"-14
Moon	6-60, 6-70, 6-72, 8-92	7/8"-14
Moon	8-80, 1928-29	1"-14
Nash	1926-29 Stand. Lt. 6	3/4"-16
Nash	1926-29 Spec. 6; Adv. 6; Twin Ign., 1930; 8-490. 890, 990, 1080, 1090, 1190, 1220, 1280, 1290, 1934; 3520-3580, 1935; 3620, 3640, 3680, 1936	7/8"-14
Nash	1060; 1070; 1120; 1130; 1170	1"-14
Nash	6 cyl. 1931-32	7/8"-16
Oakland	All Models	7/8"-14
Oldsmobile	All Models 1928-36	1"-14
Overland	96, 96A Whippet; 93A, 98A, 98D	7/8"-14
Packard	Ser. 900, 1932; 1001-1105, 1933-34; 1200-1-2, 120, 1935-36	7/8"-14
Packard	All Models 1929-31; 901-904, 1932	1"-14
Paige	6-45, 1927-28; 6-65, 6-72 Broug. 1927	7/8"-14
Paige	6-72, 1926-27; 6-75, 8-85, 1927-28	1 1/8"-12
Peerless	6-60, 6-81, 6-61, 6-61A, 125, A, 1930-32	7/8"-14
Peerless	C, 1930-32	1 1/8"-12
Peerless	6-80, 6-90, 6-91, B, 1930-32	1"-14
Pierce-Arrow	All Models to 1933	1"-14
Plymouth	All Models 1928-36	3/4"-16
Pontiac	1926 to E29	3/4"-16
Pontiac	L1929-32	7/8"-14
Reo	All Models to 1936	1"-14
Rockne	All Models	7/8"-14
Roosevelt	All Models	7/8"-14
Star	1923-30	5/8"-18
Stearns-Kgt.	D, D6-85, F6-85, G8-85, H8-90, J8-90, 1927-29	7/8"-14
Stearns-Kgt.	6-80, 1927-28	1"-14
Studebaker	All Models 1928-32 except President; Pres. 82, 1933; Comm. 8, 1934; Dict. 6, 1935-36	7/8"-14
Studebaker	Pres. 1928-32; Pres. 92, 1933; C Pres. 8, 1934; Comm., Pres. 1935; Pres. 1936	1"-14
Stutz	Blackhawk 1929-31	1 1/8"-12
Stutz	All Models except Blackhawk, 1929-31	7/8"-14
Terraplane	6, 8, 1932-34	3/4"-20
Viking	All Models 1929-30	1"-14
Willys-Kgt.	70-A; 56; 70-B; 87; 66-D; 8-80D; 66E; 8-88; 97; 98-D; 95; 6-90; 6-70	7/8"-14
Willys-Kgt.	6-66; 6-66A; Stan. 6, 56; 66B; 64	1"-14
Willys-Ovd.	77, 4 cyl. 1933-34; 77B, 1935-36	3/4"-16
Willys-Ovd.	98-B; 8-80; 97; 98D; 95; 6-90; 90A; 690A	7/8"-14

TRUCKS

		Axle Size
Acme	Model 41, 44, 46 Spec. 1929	1 1/4"-12
Acme	44, 46 Spec. 1929	1 1/4"- 7
Acorn	30, 40, 40B, 45, 40P, 45P, 1927-30	1 1/2"- 6
Acorn	30P, 1928-30	1"-14
Acorn	19-1927	1 1/4"- 7
Armleder	30, 1928-9	1 1/4"- 7
Armleder	30, 1928-9	1 1/4"-12
Atterbury	24R, 27R, 1928	1 1/4"- 7
Atterbury	24R, 27R, 1928	1 1/4"-12
Brockway	Jr. 2 and 4; Jr. JF, JFR, 60, 65, 70, E17, E25, EY, JB2, JB3, JB4, 90B, JB Bus, E18, EB12-14-18-19-20-21, '27-'28	1"-14
Brockway	S-23 to 28, 30, 31, 1928	1 1/4"- 7
Brockway	S31 2 ton 1930; S-23 to 28, 30, 31, 1928; SK12, 16. 1929	1 1/4"-12
Chevrolet	Model BB, 1932	3/4"-16
Chevrolet	1 Ton 1929	1"-14
Chevrolet	Model LR 1 1/2 Ton 1930	1 1/8"-12
Chevrolet	1 1/2 Ton LS 1930; LT 1931-32; O Series 1 1/2 Ton, 1933-34	1 1/4"-12
Clydesdale	9, 1928 1 1/2 Ton	1 1/4"- 7
Clydesdale	Model 30 1 1/2 Ton 1930	1 1/4"-12
Clinton	2 1/2 to 3 Ton 1927-29	1 1/2"- 6
Clinton	1 1/4 to 1 1/2 Ton 1928-31	1"-14
Commerce	Super 11 1927-29 1 1/2 Ton	1 1/4"- 7
Commerce	20B, 20Y, 20Z, 25Z, 8A '28-'29; S11 '30-'31	1"-14
Defiance	RU, 45, TT, 50C	1"-14
Diamond T	04, 05, 150, 151, 152, 77	1"-14
Diamond T	302 2 Ton 19928-29; T3, T5, T7, T-36, T56, 1928-9	1 1/4"- 7
Diamond T	T3, T5, T7, T36, T56, 1928-9	1 1/4"-12
Diamond T	T550 2 1/2 Ton 1929-30	1 1/2" 6
Dod.-Graham	C, D, E series 1924-30 1 Ton to 1 1/4 Ton	1"-14
Dod.-Graham	C, D. E series Bus 1923-30 1 1/2 to 2 Ton	1 1/4"- 7
Dod.-Graham	Series E, 3 Ton 1928-30	1 1/2"- 6
Dodge	Series C, D, E, F 3/4 Ton	7/8"-14
Duplex	GF, GS, 1928-30	1 1/4"- 7
Fargo	Clipper 6 cyl. 3/4 Ton 1929-30	7/8"-14
Fargo	Packet 4-6 1/2 Ton 1928-31	3/4"-16
Fargo	Freighter 6 cyl. 1 Ton 1929-31	1"-14
Federal	3FW 1 Ton 1929-30	1"-14
Federal	2 Ton A6, '28-29; A6T 2 Ton, '28-29; T8, T3W, T22, T7W, 1929; T8W, T8, 1930	1 1/4"- 7
Federal	T2W, T3W, T6W, T7W, T8, T21, T22, 1927-30	1 1/4"-12
Federal	2F6, 2FW 1928-29	7/8"-14
Fisher	Model F Mercex 1927-31	1 1/4"- 7
Ford Truck	All Models 1930-31-32-33 Dual Wheels	1 1/4"-12
Ford Truck	Models TT and AA to 1929	7/8"-14
Ford Truck	AAC (Canadian)	1 1/2"- 7
Garford	20, 20-6, 20Z, 25Z, 20B, 20G, S11, 1927-31	1"-14
Garford	30, 30-6, 1924-28	1 1/2"- 7
Garford	30, 30-6, 1924-28	1 1/4"-12
GMC	T19, T25, T22	1 1/2"- 7
GMC	T11 1930; T19	1"-14
GMC	T50 2 Ton 1927-29	1 1/4"- 7
GMC	T718, T30, T40, T42, T44, T50	1 1/4"-12
GMC	T15, T17, 1931; T15A	7/8"-14
Gotfredson	B24-26 1928	7/8"-14
Gotfredson	30C-41 1928	1 1/4"- 7
Gotfredson	30C-41 1928	1 1/4"-12
Hug	Model 22 2-Ton 1929-31	1 1/4"- 7

(Continued on Next Page)

K-D WHEEL PULLER CHART (Cont.)

TRUCKS		Axle Size
Hug	40 3-Ton 1927-30	1½"- 6
Indiana	200-74, 11, 11X, 611, 300, 1111, 1926-30	1"-14
Indiana	Models 115-615, 1929-31	1¼"-12
Indiana	2½ to 3 Ton, 1927-30	1½"- 6
Indiana	111, 61, 11, 1926-28; 115, 1929-31; 615, '31	1¼"- 7
International	LD, SPD, AWI ¾ Ton	1"-14
International	6 Speed Special; S 1926; S24, S26, SF34, SL36, SF36, AW2, AL3, ALF3, A2, B2	1¼"-12
International	2 Ton SD34, SD44, SD46, SF46'29-31; A4 '30-2; 3 T'n A5 '30-1; 2½ T'n A6 '30-32	1½"-12
Kenworth	45-55, 1928-9; A, D, 1928	1¼"- 7
Maccar	Model 36-46	1¼"-12
Mack	AC, 8AC	1¼"-12
Moreland	EX, BX, EX6	1[illegible]"-12
Moreland	EX, BX, EX6	1[illegible]
Noble	146A, 1928	1[illegible] 7
Noble	146A, 1928	1¼ -12
Overland	C-101, T-103	1"-14
Reo	BA, Jr. 15, B2, Sp. Wag., DA, DC, DF	1"-14
Reo	FKX, FHX, FAX, G, FH, FD, FC	1¼"-12
Reo	FA, FB, FF, FE, 1929-31	1⅛"-12
Republic	Model 75 — 1¼ Ton	⅞"-14

TRUCKS		Axle Size
Republic	C1	1"-14
Republic	Models 50, 75, 76, 77	1¼"-12
Sanford	FL 3 Ton 1929	1½"-12
Selden	Pacemaker 27	1"-14
Selden	47 Roadmaster Bus 1925-29	1½"- 6
Selden	Unit 35, 37, 17, 1926-28; Pacemaker 18 Pass. Bus 1926-29	1¼"- 7
Selden	Express 1½ Ton 1930	1¼"-12
Service	S11 1½ Ton, 1927-8	1¼"- 7
Service	S11 1 Ton 1930	1"-14
Steward	16, 16X, 24X, 1928-29	1"-14
Steward	17, 24, 24X, 17X, 28X	1¼"- 7
Steward	21X, 30, 30X, 40XA	1¼"-12
Studebaker	75, 75 Jr., 76, 77 Jr., 1927-30; S-20, 1930	1¼"12
U. S. Truck	U 1 Ton 1926-30	1¼"- 7
White	57	1"-14
White	51	1¼"-12
White	61, 210, 211, 212, 613, 611, 53, 29, 65, 56	1½"-12
World	D8, 1928-29	1½"- 6
Wachusett	J 1927-29	1¼"- 7
Yellow Coach	Models X and Y	1¼"-12

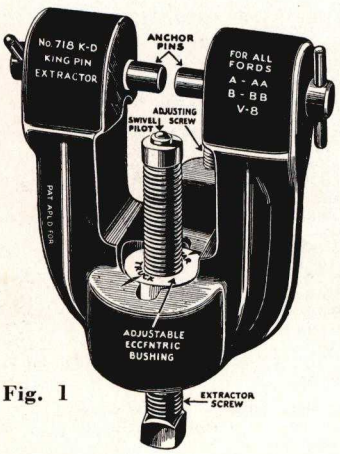

No. 718 K-D KING PIN EXTRACTOR
ANCHOR PINS
FOR ALL FORDS A - AA B - BB V-8
ADJUSTING SWIVEL SCREW PILOT
ADJUSTABLE ECCENTRIC BUSHING
EXTRACTOR SCREW

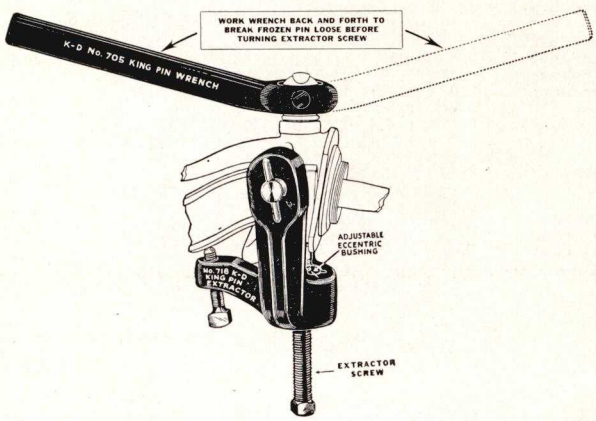
Fig. 1

No. 720 King Pin Extractor Set

(Consists of No. 718 Extractor and No. 705 Wrench)

For Models A, AA, B, BB V-8 Fords — 1932-36 and Lincoln-Zephyr

A UNIVERSAL OUTFIT, made of Certified Malleable Iron for **heavy duty service.** Easy to install and operate. Eliminates the hazardous practice of heating the spindle and the necessity of removing the axle. Regardless of how badly King Pins are frozen, the K-D Set will remove them in a matter of minutes as compared to hours by other methods and the K-D Method does it without damage to any part.


WORK WRENCH BACK AND FORTH TO BREAK FROZEN PIN LOOSE BEFORE TURNING EXTRACTOR SCREW
K-D No. 705 KING PIN WRENCH
ADJUSTABLE ECCENTRIC BUSHING
No. 718 K-D KING PIN EXTRACTOR
EXTRACTOR SCREW

Set the Hardened Steel Adjustable Eccentric Bushing for car or truck by aligning the marks on the bushing and housing and insert anchor pins in hole in axle (see Fig. 2). This insures perfect alignment of Extractor Screw and King Pin. Place Wrench on head of King Pin, as shown, and work Wrench back and forth to break the frozen Pin loose, using a piece of pipe on Wrench handle for greater leverage, if required. When Pin is loose, turn Extractor Screw up and remove Pin. Shipping weight No. 720 Set, 20 lbs.

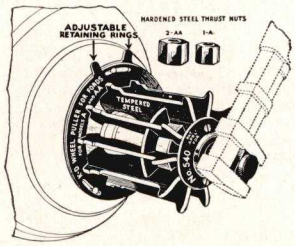
No. 720 Extractor Set . . . . . **List $14.65**

Dealers Net Price . . . . . **Set**

No. 540 Wheel Puller

FOR MODELS A, AA, B, BB AND V-8 FORDS 1932-33-34-36 AND LINCOLN-ZEPHYR

Will Not Service 1935 V-8 Ford



A COMPACT one-piece heavy duty unit with **ten tempered steel Pulling Arms** having tensile strength of over 100,000 pounds. The Pulling Arms grip hub over entire circumference, insuring a straight steady pull. The tool is instantly applied to hub and locked in position by sliding Adjustable Retaining Rings forward as far as they will go. For speedy operation, strength and efficiency this tool has no equal for pulling frozen hubs. **Two hardened steel Thrust Nuts,** axle thread sizes ⅝" and ⅞", are furnished for screwing on end of car or truck axle, which take entire thrust of Pulling Screw, preventing damage to axle. Shipping Weight, 9 pounds.

No. 540 Puller Complete with Two Thrust Nuts . . . . **List $10.00** **Dealers Net Price** . . . . . .

Replacement Nut 1A, Car Axle, Size ⅝"-18 . . . . . **List .75** **Dealers Net Price** . . . . . .

Replacement Nut 2AA, Truck Axle, Size ⅞"-14 . . . . **List 1.05** **Dealers Net Price** . . . . . .

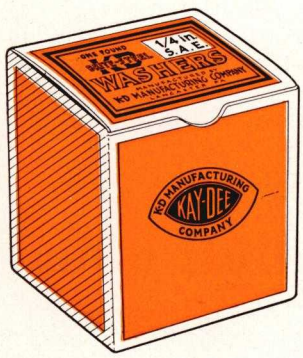
K-D BRITE-STEEL WASHERS

S.A.E. STANDARD SIZES

Bolt Sizes	List per Pound	I. D.	O. D.	Approx. Thickness	Approx. Number Per Lb.
1/8″	$.60	5/32″	3/8″	3/64″	825
3/16	.45	7/32	1/2	1/16	325
1/4	.40	9/32	5/8	1/16	220
5/16	.40	11/32	11/16	1/16	200
3/8	.40	13/32	13/16	1/16	130
7/16	.35	15/32	15/16	1/16	105
1/2	.35	17/32	1-1/16	3/32	55
9/16	.35	19/32	1-3/16	3/32	45
5/8	.35	21/32	1-5/16	3/32	35
3/4	.30	13/16	1-1/2	1/8	20
7/8	.30	15/16	1-3/4	1/8	16
1	.30	1-1/16	2	1/8	12

U.S. STANDARD SIZES

Bolt Sizes	List per Pound	I. D.	O. D.	Approx. Thickness	Approx. Number Per Lb.
1/8″	$.45	3/16″	1/2″	3/64″	500
3/16	.40	1/4	9/16	3/64	425
1/4	.34	5/16	3/4	3/64	240
5/16	.30	3/8	7/8	1/16	100
3/8	.28	7/16	1	1/16	80
7/16	.26	1/2	1-1/4	3/32	35
1/2	.25	9/16	1-3/8	3/32	30
9/16	.24	5/8	1-1/2	1/8	20
5/8	.24	11/16	1-3/4	1/8	16
3/4	.24	13/16	2	1/8	12
7/8	.24	15/16	2-1/4	5/32	8
1	.24	1-1/16	2-1/2	5/32	6



K-D BRITE-STEEL WASHERS are made of highest quality cold rolled steel and conform strictly to S.A.E. and U.S. Standard sizes from 1/8″ to 1″ inclusive, as specified above. They are cut flat and clean and the holes are always centered. Packed in attractive 1 lb. boxes, in 5 lb. boxes or in bulk, 50 lbs. or more of any one size. When ordering, specify *bolt size* and packaging desired.

NEW No. 75 S.A.E. JAR ASSORTMENT

250 Washers
14 Popular Sizes

A desirable assortment, accurately counted according to size-demand as indicated by our sales records. Ideal for shops and individual mechanics whose requirements do not warrant buying a pound of each size. Washers always in plain sight.

CONTENTS:—

S.A.E. STANDARD

30 — 1/8″ 30 — 3/16″ 30 — 1/4″ 30 — 5/16″
30 — 3/8″ 15 — 7/16″ 10 — 1/2″ 10 — 5/8″

S.A.E. VERI-THIN (approx. 1/32″ thick)

15 — 1/4″ 15 — 5/16″ 15 — 3/8″
10 — 7/16″ 5 — 1/2″ 5 — 5/8″

Standard Package, 12 jars to Carton.
Shipping Weight 23 pounds.

No. 75 Jar Assortment ..... **List each $ .75**

Dealers Net .....

See next page for S.A.E. Beveled Edge and S.A.E. Veri-Thin

KD BRITE-STEEL WASHERS

S.A.E. VERI-THIN

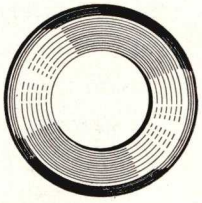
For shimming, cabinet work, finishing, etc. Furnished in S.A.E. sizes only and packed in 1 lb. boxes. All sizes are approximately 1/32″ thick. Note high count per pound. Specify bolt sizes on orders.

Bolt Size	*List per Pound*	*I. D.*	*O. D.*	*Approx. Thick-ness*	*Approx. Number Per Lb.*
1/8″	$.75	5/32″	3/8″	1/32″	1500
3/16	.55	7/32	1/2	1/32	900
1/4	.50	9/32	5/8	1/32	700
5/16	.50	11/32	11/16	1/32	500
3/8	.50	13/32	13/16	1/32	350
7/16	.45	15/32	15/16	1/32	200
1/2	.45	17/32	1-1/16	1/32	175
9/16	.45	19/32	1-3/16	1/32	135
5/8	.45	21/32	1-5/16	1/32	125
3/4	.40	13/16	1-1/2	1/32	85
7/8	.40	15/16	1-3/4	1/32	60
1	.40	1-1/16	2	1/32	45

S.A.E. BEVELED EDGE

For high grade finishing work. Their lustre gives them the appearance of being nickle plated. Note price per pound, also price per 100 pieces. Specify bolt sizes on orders.

Bolt Size	*List per Pound*	*List Per 100*	*I. D.*	*O. D.*	*Approx. Thick-ness*	*Approx. Number per Lb.*
1/8″	$3.75	$.45	5/32″	3/8″	3/64″	825
3/16	1.50	.47	7/32	1/2	1/16	325
1/4	1.15	.50	9/32	5/8	1/16	220
5/16	1.10	.55	11/32	11/16	1/16	200
3/8	.80	.61	13/32	13/16	1/16	130
7/16	.70	.66	15/32	15/16	1/16	105
1/2	.60	1.09	17/32	1-1/16	3/32	55
9/16	.60	1.33	19/32	1-3/16	3/32	45
5/8	.60	1.71	21/32	1-5/16	3/32	35
3/4	.55	2.75	13/16	1-1/2	1/8	20
7/8	.55	3.43	15/16	1-3/4	1/8	16
1	.50	4.17	1-1/16	2	1/8	12



S.A.E. BEVELED EDGE

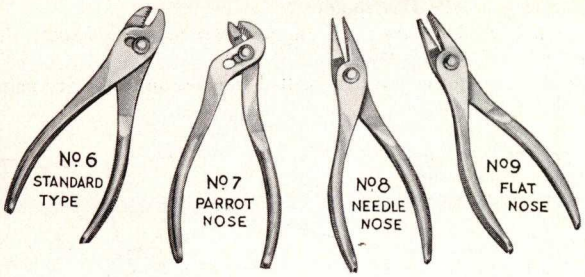
S.A.E. Five Pound Garage Assortments

The convenience of this package can readily be appreciated by the garage man. It gives him an assortment of **TEN SIZES (S.A.E. ONLY) from 1/8″ to 3/4″ inclusive,** one half pound each size. Just enough of each size to take care of his ordinary requirements. Packed in substantial cartons, as illustrated.

No. 25 Assortment, Standard Thickness . . . . . **List each $2.70**
Dealers Net . . . . . .

No. 50 Assortment, Veri-thin (approx. 1/32″ thick), **List each 3.35**
Dealers Net . . . . . .

SPECIAL WASHERS can be furnished in stainless steel, brass, copper, leather, fibre or material to your specification. Quotations on request.



The Popular

No. 10 Pliers Set

HERE are four distinct types of Pliers — each 4¼″ long — forged from Special Alloy Steel, carefully tempered for correct hardness. The complete set packed in a handy pressed steel box, meets the requirements of a wide range of diversified jobs that call for small well-made tools of durable construction.

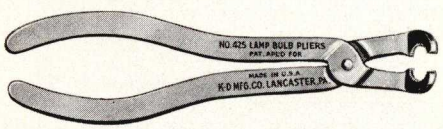
K-D Pliers are just the right size for small work and those hard-to-get-at places. Each type is a gracefully designed tool of quality material and excellent workmanship.

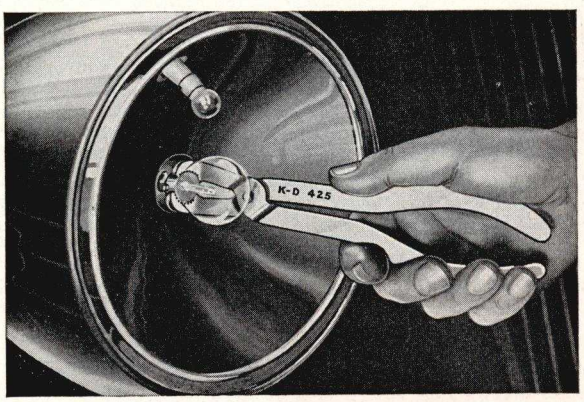
Like all other K-D Tools, they are moderately priced and rust-proofed with a polished silver-like finish.

No. 10 Set in metal box ..... **Shipping weight 1 pound, List $2.00**
Dealers Net ..... **per set**
Individual Pliers — Order by number ..... **List .50**
Dealers Net ..... **each**

Individual pliers packed in cartons.

No. 425
Lamp Bulb Pliers





Saves Fingers - Lamps - Reflectors

A SENSIBLE tool that performs a nasty job in a new, safe way. Removes and replaces all types of Lamp Bulb.

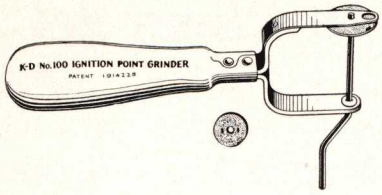
Correctly designed to the same high degree of perfection and practical serviceability as all other K-D Tools.

Made of heavy gauge pressed steel, with sharp teeth milled in the jaws to provide a secure grip on the base of the Bulb without enough pressure to endanger cracking the glass. The milled jaws are hand-fitted to the exact diameter of the Bulb base and therefore provide a complete, even grip. Easily installs new Bulbs in cars with heavy spring tension in headlight sockets.

Tempered to stand up under long service. Attractive, rust-proof finish. 7½″ long. Shipping weight, ½ pound.

No. 425 Lamp Bulb Pliers ..... **List Each $ .70**
Dealers Net .....

No. 100 Ignition Point Grinder



Quick — Positive — Economical

THE K-D IGNITION POINT GRINDER provides a distinctly **new method** for grinding Ignition Points quickly and accurately without removing the Points from the Distributor.

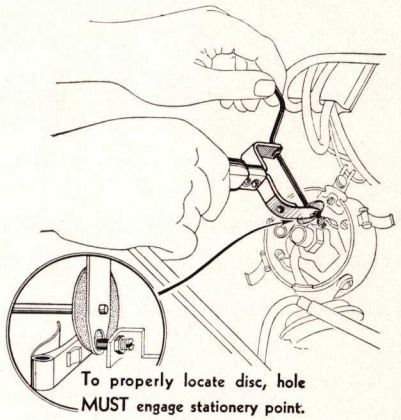
The fast-cutting abrasive discs are made in two sizes to accommodate the various types of old and new distributor.

As shown below, the hole in the side arm of tool engages on stationary point in distributor, thereby assuring the proper location of the double-faced Grinding Disc.

The disc floats on the shaft which allows it to be held perfectly parallel between the points by the spring pressure of the breaker arm. This insures an ACCURATE job. Each turn of the handle represents a three-inch stroke which means a SPEEDY job.

Made of heavy gauge pressed steel with attractive, rust-proof finish. 7½ inches long. Packed in individual carton. Shipping weight, 1 pound.

The Grinding Discs are low-priced and easily replaced. We recommend extra sets of Discs be purchased with each Grinder. See price list below.

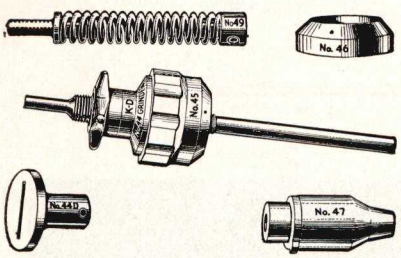


No. 100 GRINDER with two Discs ..... **List $1.30**

Dealers Net ..... **Each**

Extra Discs Sets packed in Envelope

No. A100 Set, 3 each, 2 sizes	.....	**per set List**	**.35**
No. B100 Set, 6 small size	.....	**per set List**	**.35**
No. C100 Set, 6 large size	.....	**per set List**	**.35**
Dealers Net — Order by number	.....	**Any Set**	



K-D Hard Valve Seat Grinder Sets

For Hard Valve Seats ONLY on Ford V-8, Lincoln-Zephyr, Chrysler, DeSoto, Dodge and Plymouth.
Not Intended for Cast Iron Seats

A PRECISION TOOL of **Low Price** that produces absolutely **Accurate Results** with amazing **Speed.** Employs the age-old principle of Lapping to this new and difficult job.

The body of the Grinder is made in the form of a cylinder which is filled with K-D Special Oil-Mixed Valve Grinding Compound. A machined screw plunger feeds the Compound through small conduits to the grinding face. (See sectional view, Fig. 2.) On first contact with the hard valve seat, the Compound becomes imbedded in the Brass Head and makes a Grinder that is extremely fast cutting and perfectly accurate.

The interchangeable Brass Heads are easily refaced on any standard valve refacer and are of sufficient thickness to allow many refacings before requiring replacement. Grinder can be efficiently operated with any standard electric drill, hand drill, oscillating valve grinder or K-D No. 503 Vacuum Valve Grinder. (Page 5.) Each set is packed in steel kit and includes profusely illustrated manual of instructions. Shipping weight, 3 pounds.

No. 30 Set for Ford V-8, Lincoln-Zephyr, Chrysler, DeSoto, Dodge and Plymouth ..... **List $6.85**

Dealers Net Price .....

No. 34 Set for Ford V-8 and Lincoln-Zephyr Only ..... **List 6.85**

Dealers Net Price .....

No. 36 Set for Chrysler, De Soto, Dodge and Plymouth Only ..... **List 6.10**

Dealers Net Price .....

REPLACEMENT PARTS PRICE LIST

No. 45 Grinding Head for Ford V-8 and Lincoln-Zephyr ..... **List $ .70**

Dealers Net Price .....

No. 46 Grinding Head for Chrysler, DeSoto, Dodge and Plymouth, **List .70**

Dealers Net Price .....

No. 49 Flexible Drive ..... **List 1.40**

Dealers Net Price .....

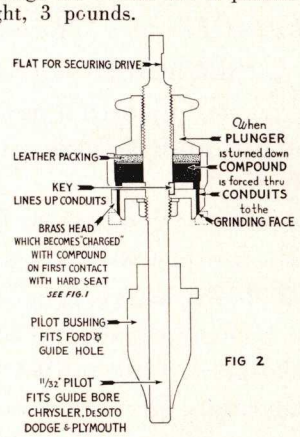

FLAT FOR SECURING DRIVE
When PLUNGER is turned down COMPOUND is forced thru CONDUITS to the GRINDING FACE
LEATHER PACKING
KEY LINES UP CONDUITS
BRASS HEAD WHICH BECOMES "CHARGED" WITH COMPOUND ON FIRST CONTACT WITH HARD SEAT SEE FIG. 1
PILOT BUSHING FITS FORD'S GUIDE HOLE
11/32" PILOT FITS GUIDE BORE CHRYSLER, DeSOTO DODGE & PLYMOUTH

FIG 2

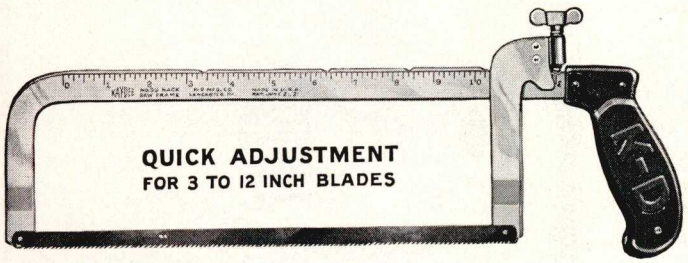
No. 51 Special Oil-Mixed Valve Grinding Compound

DEVELOPED especially for use in K-D Hard Seat Grinder. Produces excellent results on **all** Valve Grinding Jobs.

No. 51 Compound, 6 oz. Tube .. **List $ .60** **Dealers Net Price** ....

No. 99 K-D Hack Saw Frame

Adjustable from 3″ to 12″ — with 12″ rule

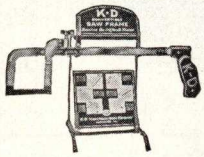


A SOLID steel frame that will accommodate 3″—6″—8″—10″ and 12″ blades, which can be adjusted quickly and conveniently. Frame is finely balanced and adapted to many uses. Will save many hours work on jobs which are inaccessible with other tools. Note illustrations below showing how easily obstructions and projections are spanned by using the 3″ blade. There is also ample gap for spanning obstructions when using a 6″ blade. No other frame has this feature. Frame is rust-proofed by Udylite Process, a clean silver-like finish. Packed in cardboard box with one each 3″ and 12″ Hack Saw Blades. Shipping weight, 3 pounds.

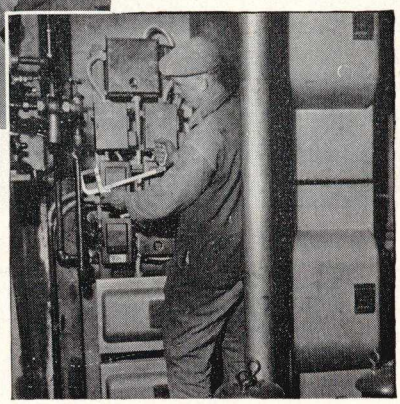
The 3″ Blade Adjustment solves the problem on many difficult cutting jobs.

For —

Auto Mechanics
Plumbers
Electricians
Engineers
Carpenters

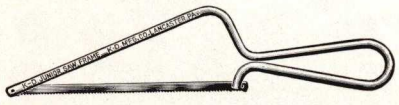


Counter Display Stand only, furnished free with stock order.



No. 99 Frame with 1 each 3″ and 12″ Blades	**List**	**$1.25**	**Dealers Net Price ..... each**
No. 13 — 3″ Blades per Doz.	**List**	**.90**	**Dealers Net Price ..... doz.**
No. 14 — 8″ Blades per Doz.	**List**	**1.05**	**Dealers Net Price ..... doz.**
No. 15 — 12″ Blades per Doz.	**List**	**1.20**	**Dealers Net Price ..... doz.**
No. 16 — 10″ Blades per Doz.	**List**	**1.15**	**Dealers Net Price ..... doz.**

No. 11 K-D Junior Hack Saw Frame



NO kit complete without this indispensable frame. Designed for cutting small pipe, wire, cable, bolts, screws, tubing, wood, mica, bakelite, etc., within its capacity.

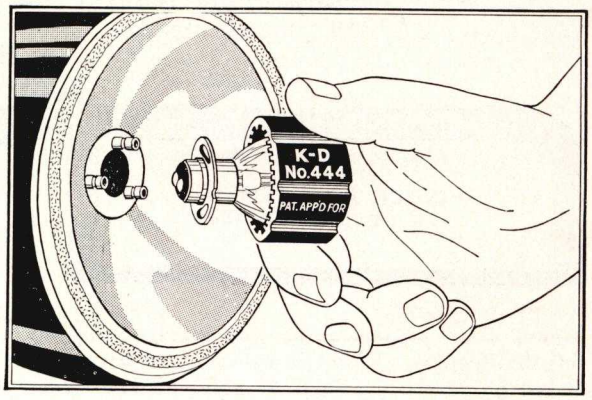
The Blade is 6″ long, ¼″ wide, .014″ thick, or 28 gauge, 32 teeth per inch. It is very durable and cuts rapidly and smoothly.

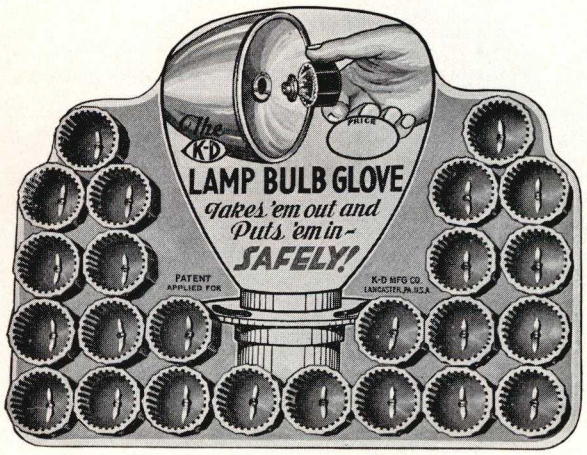
The frame is 9¾″ long. Made of quarter inch Spring Steel. Rust-proofed by the Udylite Process, a clean, silver-like finish. Packed 12 Frames to the carton. Shipping weight, 4 pounds.

No. 11 Hack Saw Frame with 1 Blade ..... each	**List**	**$ .40**	**Dealers Net Price ..... each**
No. 17 — 6″ Junior Blades, per Doz.	**List**	**1.00**	**Dealers Net Price ... per doz.**

The NEW No. 444 Lamp Bulb Glove

MAKES the removal and replacing of any style of Headlight Lamp Bulb ABSOLUTELY SAFE by providing a secure non-slip grip on the Bulb and offering complete protection to the fingers. Its small size and low price make it especially appealing to the **MOTORIST**—it can be carried in the spare Bulb kit. Made of specially cured rubber, with flexible gripping teeth molded on the inside. Slips over the Lamp Bulb as shown in illustration. **Retail Price, 15 cents each.**





Merchandising Card

THIS attention getting, three-color Display Card tells the whole selling story and will sell LAMP BULB GLOVES on sight. It is 11 inches high, 14 inches wide, equipped with a sturdy easel and holds 24 Gloves, mounted for quick removal. Shipping weight, 3 pounds.

No. 444 Lamp Bulb Glove, per card of 24
List $3.60
Dealers Net Price . . . per card of 24 . . .

No. 80 Vac-Clamp

Retail Each 15c

K-D VAC-CLAMP *fastens* to windshields, dashboards, windows, wood and smooth surfaces. K-D Vac-Clamp *holds delivery slips, sales slips, order forms, road maps, window cards, hats* and other small articles.

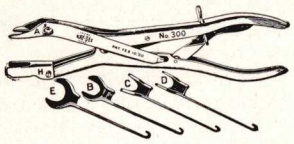
K-D Vac-Clamp is made of pressed steel, 2 inches wide. The rubber vacuum cup is the best grade obtainable, securely fastened. The clamp is equipped with a special tempered spring of great strength and durability for dependable service. Clamp is rust-proofed by Udylite Process. Here is an item that appeals to ***everyone.*** Not only the ***motorist*** and ***deliveryman,*** but the ***housewife, officeman, shipping clerk,*** and ***many others,*** who will instantly appreciate the many everyday services that K-D Vac-Clamp performs and the convenience it offers.

Merchandising Card

THIS attractive display is 9½″ wide x 9″ high, printed in three colors. It arrests immediate attention and enables everyone who enters your place of business to visualize, at a glance, the many uses of Vac-Clamps. It displays a dozen Vac-Clamps and is supplied free wih all orders for one dozen or more. Packed in corrugated carton. Shipping weight, 2 lbs.

No. 80 VAC-Clamp — per dozen . . . . . List $1.80
Dealers Net Price . . . . . Per Doz.

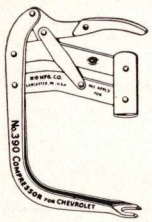
No. 300 Valve Spring Lifter



THIS is the original K-D Parallel Jaw Valve Lifter still preferred by many mechanics for "L" Head Motors. Tool is 11″ long. Made of pressed steel, rust-proofed by Udylite Process. Shipping weight, 2 pounds.

No. 300 Complete with 6 Jaws ..... **List $1.95**
Dealers Net Price ..... **Each**
Extra Jaws, A-B-C-D-E-H (Order by Letter) ..... **List .33**
Dealers Net Price ..... **Each**

No. 390 Valve Spring Compressor



for Chevrolet Standard 4 and 6 Only

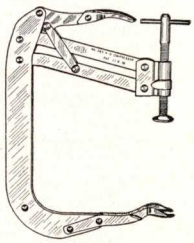
Will not service Chevrolet "Master" See K-D 385, below

MADE of heavy gauge steel, rust-proofed. Equipped with automatic, over-center lock. Inside dimensions 5″ x 6″. Shipping weight, 2 pounds.

No. 390 Compressor ..... **List $ .90**
Dealers Net Price .....

No. 385 Valve Spring Compressor

Will service Chevrolet "Master" and Standard 6

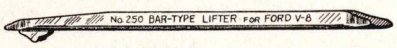


DESIGNED especially for the small **British Motors** for which it is highly popular. Also adaptable to several **American Motors** where it is the practice to remove manifolds for more convenient servicing of valves. Made of heavy gauge steel with adjustable offset jaw, screw-type plunger bar and over-center lock. Inside dimensions 4¾″ x 6¼″. Rust-proofed. Shipping weight, 4 pounds.

No. 385 Compressor ..... **List $3.50**
Dealers Net Price ..... **Each**

No. 250 Bar-Type Valve Spring Lifter

for V-8 Ford and Lincoln-Zephyr — WILL NOT REMOVE FROZEN GUIDES, See K-D 920, Page 7

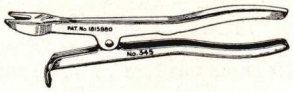


MADE of heavy gauge channel steel with jaw on each end. Small jaw with fulcrum block for V-8 Ford 1934 to 36 and Lincoln-Zephyr and large jaw for V-8 Ford 1932-33. Length 25 inches. Rust-proofed. Shipping weight, 2 pounds.

No. 250 Lifter ..... **List $ .70**
Dealers Net Price ..... **Each**

No. 345 Valve Spring Lifter

for Models "A" and "B" Ford

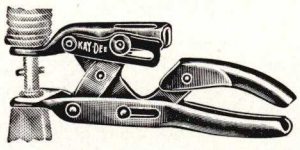


STRONGLY built of pressed steel rust-proofed, but does not possess the parallel jaw feature. Exceptional value at low price. Length 10″. Shipping weight, 1 pound.

No. 345 Lifter ..... **List $ .55**
Dealers Net Price .....

No. 303 Valve Spring Lifter

for Ford-T, Essex, Terraplane, Hudson



No. 303 Lifter designed for Model T Ford is also the correct tool for the above motors. Length 6 inches. Equipped with parallel jaws and automatic lock. Rust-proofed. Shipping weight, 1 pound.

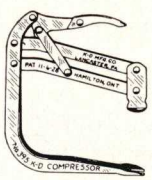
No. 303 Lifter ..... **List $1.00**
Dealers Net Price ..... **Each**

No. 340 'Lancaster' Valve Spring Lifter

STRONGLY built of pressed steel but does not possess the parallel jaw feature. Tool is 10″ long, equipped with automatic locking device. A good value at low cost. Udylite rust-proofed finish. Shipping weight, 1 pound.

No. 340 ..... **List $ .55**
Dealers Net Price ..... **Each**

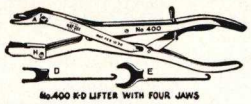
No. 395 Compressor for British Ford 8 HP and Morris Minor Motors



DESIGNED to service above motors **only.** No adjustment required. Valve spring lifted in one operation. Tool locks automatically when valve spring is raised. **The British Austin 7 HP Motor** requires **No. 397 Compressor.** Same type of tool, having slightly different dimensions. Both tools sturdily built and rust-proofed. Shipping weight each, 3 pounds.

No. 395 for Ford and Morris ..... **List $1.00**
No. 397 for Austin 7 ..... **List 1.00**

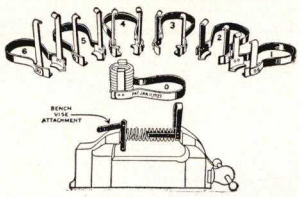
No. 400 Valve Spring Lifter



FOR "L" Head Motors except those with low valve housing. Tool is 11" long. Made of pressed steel rigidly constructed and rust-proofed. Exceptional value at low price. Shipping weight, 2 pounds.

No. 400 Lifter with 4 Jaws ..... **List $1.30**
Dealers Net Price ..... **Each**

No. 615 Valve Spring Holders



No. 615 Valve Spring Holder Set consists of Seven Holders and One Bench Vise Attachment for compressing and holding all sizes of valve springs for replacement in motor. Holders are made of hardened steel and guaranteed against breakage.

Inside dimensions of Holders from Base to Tip.

No. 0	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
1 5/16"	1½"	1⅝"	1 13/16"	2 1/16"	2 5/16"	2⅝"

Holders may be purchased individually in any size desired.

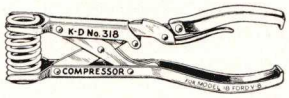
No. 615 Holder Set Complete ..... **List $3.15**
Dealers Net Price, Shipping weight set, 1½ lbs.

Individual Holders, any size 0 to 6, each, List .45
Dealers Net Price ..... **Each**

Bench Vise Attachment ..... **List .45**
Dealers Net Price ..... **Each**

No. 318 Valve Spring Compressor

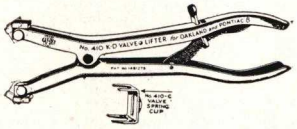
for Oldsmobile, Pontiac 1934, also Buick, Nash, Chevrolet and Ford V-8, 1932-1933



No. 318 Compressor is 10" long. Has parallel jaws and locks automatically in any position. The correct tool for compressing valve springs on the above motors. Made of heavy gauge steel. Rust-proofed. Shipping weight, 2 lbs.

No. 318 Compressor ..... **List $1.75**
Dealers Net Price ..... **Each**

No. 410 Special Oakland-Pontiac V-8 Lifter

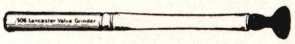


THIS tool approved and recommended by Oakland-Pontiac factories for servicing V-8 motors. Furnished complete with Valve Spring Clip as illustrated for the removal and replacement of springs. Shipping weight, 2 lbs.

No. 410 Complete with Clip ..... **List $3.40**
Dealers Net Price ..... **Each**

No. 410-C Valve Spring Clip only .... **List .75**
Dealers Net Price ..... **Each**

No. 506 Valve Grinder



A popular low priced tool with plain wooden handle equipped with good quality vacuum cup adaptable to Ford valves. Shipping weight, 6 oz.

No. 506 ..... **List $ .30**
Dealers Net Price ..... **Each**

No. 312 Special Studebaker Lifter

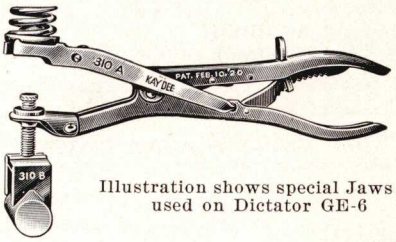


Illustration shows special Jaws as used on Dictator GE-6

THIS tool furnished complete with 7 interchangeable jaws as listed below. Shipping weight, 3 pounds.

No. 312 Complete ..... **List $4.25**
Dealers Net Price ..... **Each**

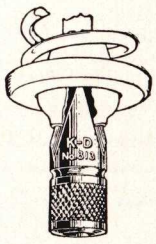
Studebaker Chart

		List Prices	Dealers Net Prices
President 8 Commander 8 Dictator 8 Commander 6 (1929 series) Dictator GL 6 Erskine-53-54	Upper Jaw B Lower Jaw 310B (with stud)	$ .33 1.50	
Commander 6 (Prior series) Rockne 6, 1932	Upper Jaw E Lower Jaw D	.33 .33	
Dictator E. U. 6	Upper Jaw E Lower Jaw R	.33 .33	
Dictator G. E. 6	Upper Jaw 310A Lower Jaw 310B	.50 1.50	
Erskine to 1929	Upper Jaw B Lower Jaw C	.33 .33	

"Above Jaws fit No. 300 Lifter Handles"

No. 313 Valve Keeper Remover

for Studebaker Dictator 6 G.E.



DESIGNED to slip over end of valve stem while spring is raised. The beveled points spread the keeper members, permitting removal of valves. Shipping weight, 3 oz.

No. 313 ..... **List $1.10**
Dealers Net Price ..... **Each**

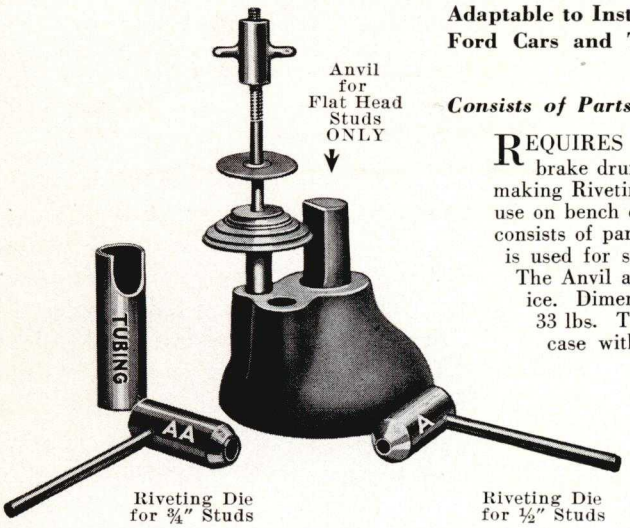
No. 499 Valve Bushing Remover

for Models "A" and "B" Ford

MADE of pressed steel. Correctly designed for removing Valve Stem Bushings. Rust-proofed. Shipping weight 6 oz.

No. 499 ..... **List $ .25**
Dealers Net Price ..... **Each**

No. 580 Master Riveting Die Set

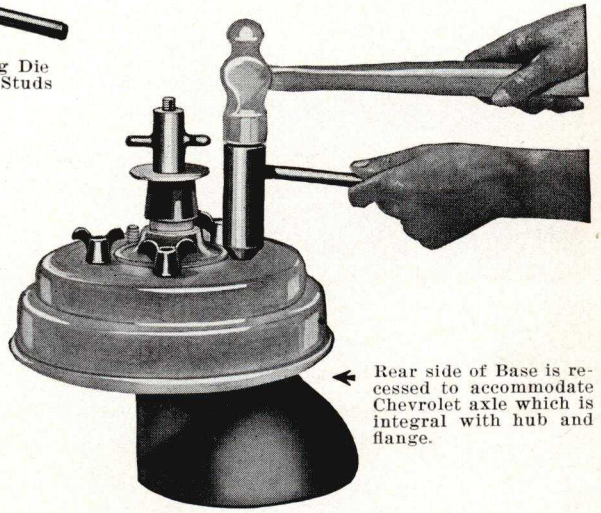


Adaptable to Install Brake Drum Studs on Models A, B, and V-8 Ford Cars and Trucks, Chevrolet, Pontiac, Oldsmobile, Buick and Many Other Makes

Consists of Parts shown at left — Additional equipment below

REQUIRES only one mechanic to quickly install new studs in brake drums and hubs equal to factory installation. A profit-making Riveting Set for all Brake Service Stations. Designed for use on bench or floor and is adapted for use in Arbor Press. Set consists of parts as illustrated above. The hardened steel Tubing is used for supporting brake drum when driving out old studs. The Anvil and Riveting Dies are tempered for heavy-duty service. Dimensions of iron base 8¼" wide by 4⅜" high, weighing 33 lbs. Total shipping weight 52 pounds. Packed in wooden case with complete instructions.

Showing One-Man Operation of No. 580 Set



Rear side of Base is recessed to accommodate Chevrolet axle which is integral with hub and flange.

Heavy-Duty Equipment for Brake Service Stations

No. 580 Set will handle practically all Brake Drums having removable studs, sizes ½" and ¾". See Price List below for Riveting Dies to service 7/16" and 9/16" studs.

No. 580 Set Complete ..... **List $25.50**
Dealers Net Price ..... **Set**

Note: No. 585 Special Anvil for Chevrolet Studs — This part is essential for use with above equipment when using No. 565-RD, 7/16" stud.

No. 585 Anvil ..... **List $2.10**
Dealers Net Price ..... **Each**

K-D Riveting Dies Only

No. 565-RD — for 7/16" Stud ..... **List $2.55**
Dealers Net Price ..... **Each**
No. 570-RD — for ½" Stud ..... **List 2.55**
Dealers Net Price ..... **Each**
No. 567-RD — for 9/16" Stud ..... **List 2.55**
Dealers Net Price ..... **Each**
No. 575-RD — for ¾" Stud ..... **List 3.20**
Dealers Net Price ..... **Each**

Special Riveting Die Sets

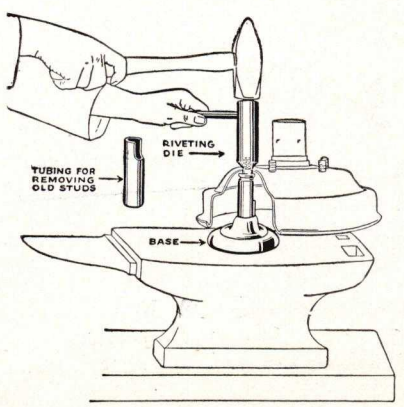
FOR the average garage the Riveting Die Sets listed below are very satisfactory. The Riveting Dies are specially heat-treated and Rockwell tested for correct hardness. Complete instructions furnished with each set.

No. S565 Set for Chevrolet and Pontiac, 7/16" Stud, List $5.30
(Consists of No. 565-RD Die, Base and Anvil)
Dealers Net Price ..... **Set**

No. S570 Set for Models A, B, and V-8 Ford, ½" Stud, List 5.30
(Consists of No. 570-RD Die, Tubing, Base and Anvil)
Dealers Net Price ..... **Set**

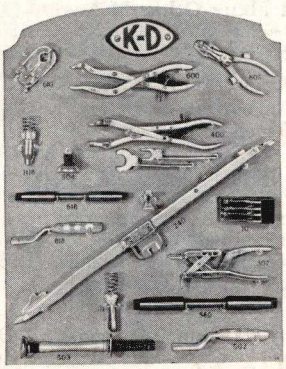
No. S575 Set for Models AA & BB Ford Tr., ¾" Stud, List 6.85
(Consists of No. 575-RD Die, Tubing, Base and Anvil)
Dealers Net Price ..... **Set**

NOTE—When ordering, PLEASE USE OUR STOCK NUMBERS to avoid confusion. . . .

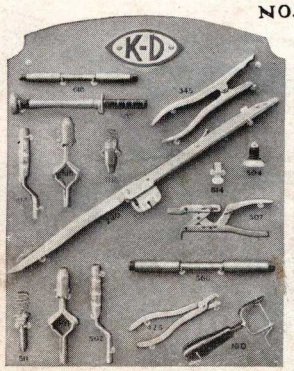


New K-D Display Boards

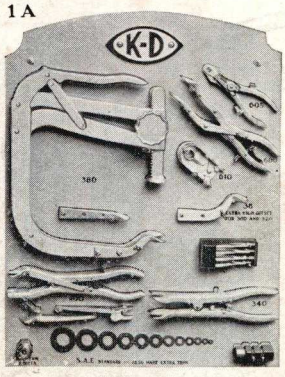
Size 22″ x 28″



NO. 1A



NO. 2B



NO. 3A

THE Boards are made of pressed wood composition, ¼″ thick, beautifully finished in Orange lacquer. Steel Eyelets are provided in upper corners for hanging. Tools are supported by special steel hooks, allowing INSTANT removal of any tool for quick sale. The outline of each tool is stencilled on the Boards, thus indicating the correct position for mounting the tools. Boards are furnished **only** with assortments of tools as listed below. NO EXCEPTIONS. You pay only for the tools.

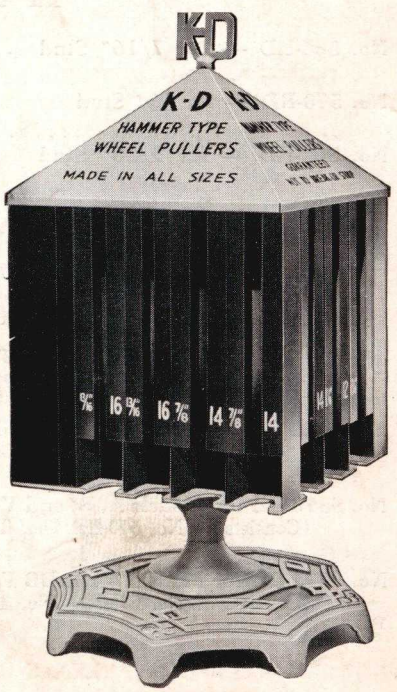
No. 1A Board—One each Nos. 600, 605, 610, 400, 1118, 504, 618, 818, 240, 10, 307, 560, 502, 511, and 503.
Total List . . . $22.85 **Dealers Net . . .**

No. 2B Board—One each Nos. 618, 503, 345, 818, 240, 518, 1118, 504, 307, 560, 425, 100, 502, 501 and 511.
Total List . . . $18.85 **Dealers Net . . .**

No. 3A Board—One each Nos. 380, 600, 605, 610, 38, 10, 340, 400, Short Hammer Type Wheel Puller 5/8″-18 and Long Hammer Type Wheel Puller 5/8″-18. Washers N/C.
Total List . . . $19.50 **Dealers Net . . .**

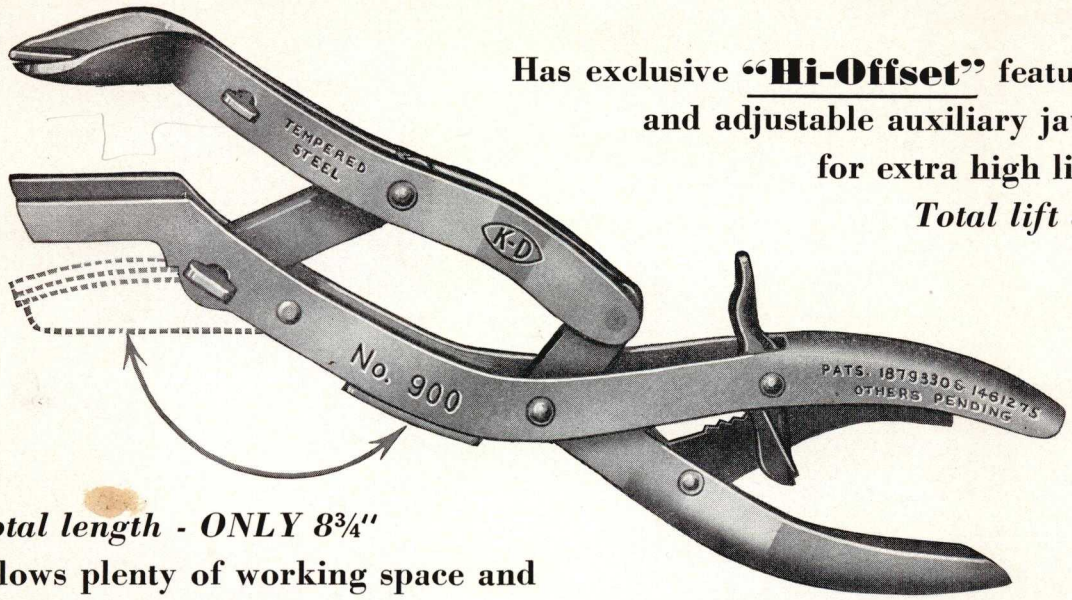
No. 801 K-D Wheel Puller Cabinet

A MOST attractive merchandiser with capacity for a complete stock of K-D Hammer-type Wheel Pullers. Cabinet is made of pressed-steel, beautifully lacquered in Orange and Black, with ball-bearing support for easy turning. Pullers are conveniently removed from the bottom of each compartment, of which there are seventeen, to hold the most popular sizes, Short type and Long type. There is also a large center compartment for special sizes and surplus stock. The cabinet is furnished for the exclusive display of K-D Pullers, and is loaned ONLY with order for not less than 36 Pullers, assorted sizes and types. The 17 compartments will hold the following assortment.



Axle Size	*Short Type*	*Long Type*
5/8″-18	12 Each	2 Each
3/4″-16	12 Each	2 Each
3/4″-20	6 Each	
13/16″-16	12 Each	
7/8″-14	12 Each	2 Each
1″-14	6 Each	2 Each
1 1/8″-12	6 Each	2 Each
1 1/4″-12	6 Each	2 Each
	72	12

A NEW K-D LIFTER for the NEW MOTORS



Has exclusive "Hi-Offset" feature and adjustable auxiliary jaws for extra high lift.
Total lift 3"

Total length - ONLY 8¾"
Allows plenty of working space and clear view of valve when working under fender

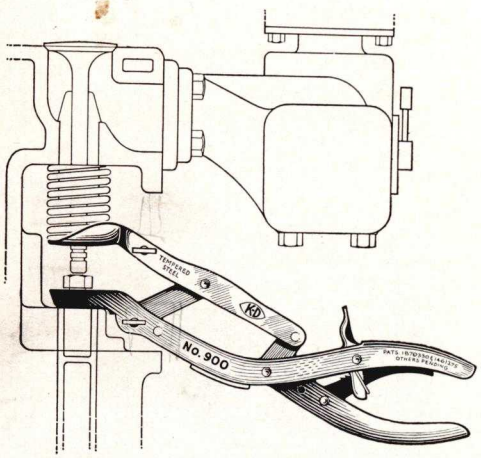
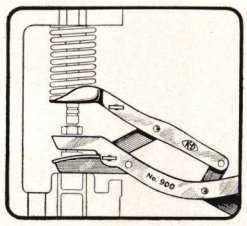


FIG. 1 — The New K-D 900 in position on a Plymouth 1936 Motor. Note generous working space and clear view of valve.

THIS addition to the popular K-D line of Valve Service Tools is the only Valve Lifter to satisfactorily service the new 1935 and 1936 Plymouth, Dodge, Dodge Truck, De Soto (Airstream and Airflow) and Chrysler (Airstream and Airflow). The unusually "HI-OFFSET" jaws permit its operation on these motors **without removing the manifold** and the unobstructed vision above the Lifter makes the handling of keepers faster and easier. See Fig. 1.

The auxiliary jaws swing into position for use on Chrysler C7 Airstream 6-1936, De Soto S1 Airstream 6-1936, Dodge Truck 1936 and other motors which have unusual clearance between tappet housing and valve spring washer, as in illustration. ➔



The adjustable offset jaws are made of special alloy steel, tempered in oil (an exclusive K-D feature) and are readily adjustable to any size valve spring by means of large thumb screws. Improved automatic hardened steel ratchet lock with thumb release **will not slip.** Rust-proofed with Udylite. Shipping weight 1 lb.

No. 900 "Hi-Offset" Valve Spring Lifter ..... **List $2.00**

Dealers Net Price ..... **Each**

$$810 \quad 80$$

$$\overline{1400}$$

$$810 \quad 80$$

$$\overline{730}$$